


Appendix F
Hazardous Materials Group Factual

Shipping Papers or Shipper's Declaration Forms

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

Shipper PRATT & WHITNEY CANADA CORP. 2525 Fernand Lafontaine Longueuil Canada J4N 1N7		Air Waybill No.  Page 1 of 1 Pages Shipper's Reference Number (optional): 1002
Consignee RAYTHEON AEROSPACE LLC 1000 JACKSON WAY PANAMA CITY FLORIDA USA 32405		
Two completed and signed copies of this Declaration must be handed to the operator.		WARNING Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties. This Declaration must not, in any circumstances, be completed and / or signed by a consolidator, a forwarder or an IATA cargo agent.
TRANSPORT DETAILS This shipment is within the limitations prescribed for: (delete non-applicable) Airport of Departure <div style="border: 1px solid black; padding: 2px;"> PASSENGER AND CARGO AIRCRAFT </div>		
Airport of Destination:		Shipment type: (delete non-applicable) <div style="border: 1px solid black; padding: 2px;"> NON-RADIOACTIVE </div>

NATURE AND QUANTITY OF DANGEROUS GOODS

Dangerous Goods Identification					Quantity and type of packing	Packing inst.	Authorization
Proper Shipping Name	Class or Division	UN or ID No.	Pack-ing Group	Subsi-dary Risk			
Dangerous goods in apparatus	9	UN 3363			1 FIBREBOARD BOX X 0.01L	916	

Additional Handling Information

24-Hour Emergency Response Telephone Number: (613) 996-6666

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations

Name/Title of Signatory
ROBERT LEFEBVRE/Shipper
 Place and Date
 Longueuil 2002-07-26
 Signature
 (see warning above)

450
514 677-9111



400-9771 5240 PACKAGE TRACKING NUMBER



Date of Shipment Date de l'envoi	ORIGIN STATION (C.D.) SILCOURS/SALE D'ORIGINE	DESTINATION ID SUCURSULE DE DESTINATION	UNSA FOLIO/NO UNSA 0004-DE DESTINATION
17/05/02	CA/YSEA	REN	XL FENA

Sender's Federal Express Account Number/ N° de compte Federal Express de l'expéditeur:	Phone Number (Very Important)/ N° de téléphone (Très Important):
2160-3621-2	450 5442-2880

FRDM (Your Name) Please Print/Nom de L'Expéditeur:

TERRY GIANNUZZI /SHIPPER
Company/Nom de la Société:

FRATTI & WHITNEY CANADA CORP.
Exact Street Address/Adresse exacte:

2525 BOUL. FERNAND-LAFontaine.
Exact Street Address/Adresse exacte:

City/Ville: LONGUEUIL
Country/Pays: CANADA

State/Province/Etat/Département/Province: PQ
Postal Code/ZIP/Code postal: J4N 1N7

2 Sender's Internal Billing Reference Information (Optional) (First 24 Characters Will Appear On Invoice)
Information/Référence de facturation interne de l'expéditeur (Facultatif) (Les 24 premiers caractères vont apparaître sur facture):

3 TO (Recipient's Name) Please Print/
Nom du destinataire Écrivez en lettres d'imprimerie:

Phone Number (Very Important To Ensure Delivery)
N° de téléphone (Très Important Pour Garantir la Livraison):

Company/Nom de la Société: RAYTHEON AEROSPACE LLC
Exact Street Address/Adresse exacte: 1000 JACKSON WAY
Exact Street Address/Adresse exacte:

City/Ville: FAYHAMMA CITY
State/Province/Etat/Département/Province: FL
Postal Code/ZIP/Code postal: 32940

4 SERVICES/SERVICES

FedEx International Priority FedEx International First
 FedEx International Economy FedEx International Priority Freight

9 SHIPMENT INFORMATION/INFORMATIONS SUR L'ENVOI

No. of Pkgs. N° de paquets	Weight/Poids:	Country of Origin Pays de l'origine	Special Duties of Declared Value Précisez la nature de la Valeur Déclarée:	Total Declared Value for Customs Valeur totale déclarée pour la douane
1	3.44 Kgs	US	None	1000.00

5 PACKAGING/EMBALLAGE

FedEx Letter/Envelope FedEx Pak Other Packaging
Autre emballage

Complete Description of Contents/Harmonized Code/Description complète du contenu/Classification tarifaire/Harmonized code:

INT. COMB. ENG. PARTS
PCA LONGUEUIL, QUE.

6 DELIVERY/HANDLING INSTRUCTIONS/INSTRUCTIONS POUR LA LIVRAISON/MAINTIEN

Broker Selection Deliver Weekday Deliver Saturday

Recipient's ID Number for Customs Purposes (e.g. EIN) (Required for U.S. Identification for the customs) (ex. EIN) (Required for U.S. Identification for the customs):

04-5076581

DANGEROUS GOODS/MARCHANDISES DANGEREUSES

Yes No

10 SENDER'S SIGNATURE

Signature of Terry Giannuzzi

7 TRANSPORTATION CHARGES/TRAIS DE TRANSPORT

Bill to Sender Bill to Recipient

FOR FEDEX USE ONLY

DDU Shipment CI Attached SED Attached CO Attached

8 DUTIES AND TAXES/DROITS DE DOUANE ET TAXES

Bill 3rd Party

0392-0648-0

400-9771 5240

Received At/Réception	Base Charges Frais de base	Disc. Vol. Orig Valeur déclarée	Other Autre	DDA/OPA Hors douane/ hors emballage	Total Total
Regular Stop Arrêt régulier	Drop Box Boîte à colis	On-Del Stop Arrêt sur demande	Service Center Centre de service	FedEx Emp # N° d'employé FedEx	Audit Emp # N° d'employé du vérif.
				Date Date	Time Heure

256

EXTRA CUSTOMS COPY/EXTRA COPIE DOUANES

000003



Federal Express

DATE: 07/26/02

TO/A: CAROL SCIONE

COMP: FEDEx MEM FAX: 901 434 9769

.....
MARTIN BERGERON

FROM/DE: ~~DMITRA~~

FEDERAL EXPRESS
8001 PAULINE-VANIER
ANJOU, QUEBEC
CANADA, H1J 2V8
(514) 493-8739

FAX NO: (514) 493-6594

PAGES/NOMBRE DE PAGES: 3

SUJET/SUBJECT: SHIP DEC + AWB

COMMENTS/COMMENTAIRES: M.S.D.S. COEN

MERCI ET BONNE JOURNEE !
THANK YOU
HAVE A NICE DAY!

000004

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

Shipper PRATT & WHITNEY CANADA CORP. 2525 Fernand Lafontaine Longueuil Canada	Air Waybill No. Page 1 of 1 Pages Shipper's Reference Number (optional): 1002
J4N 1N7 Consignee RAYTHEON AEROSPACE LLC 1000 JACKSON WAY PANAMA CITY FLORIDA USA	32405
Two completed and signed copies of this Declaration must be handed to the operator.	
TRANSPORT DETAILS This shipment is within the limitations prescribed for: (delete non-applicable) Airport of Departure Airport of Destination:	
Shipment type: (delete non-applicable) NON-RADIOACTIVE	

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Dangerous Goods Identification					Quantity and type of packing	Packing inst.	Authorization
Proper Shipping Name	Class or Division	UN or ID No.	Pack-ing Group	Subsidiary Risk			
Dangerous goods in apparatus	9	UN 3363			1 FIBREBOARD BOX X 0.01L	916	

Additional Handling Information

24-Hour Emergency Response Telephone Number: (613) 996-6666

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations

Name/Title of Signatory
 ERIC SAMUEL/Shipper
 Place and Date
 Longueuil 2002-07-26
 Signature
 (see warning above)

000005 10231 (2002-01)

Facture Proforma - Proforma Invoice



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

N° TPS
G.S.T. Reg'd No. R104287008

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec
Canada J4G 1A1

PAWC 1169 (2001-11)

PAGE: 1

JOB #: 02006792 REL #: 02006792
SHIPMENT: 0001
P/O NUMBER: R57352

ROUTING: FEDEX P-1
WAYBILL: 400 9771 5240
F.O.B.: SEE BELOW

CARRIER: FEDEX

SHIPPED: 07/25/02

----- SOLD TO -----
AMF/CAPS AIR MIDWEST (MESA)
1000 MARIE VICTORIN
MAIL STOP 05DK1
LONGUEUIL
QUEBEC, CANADA
J4G 1A1

----- SHIP TO -----
RAYTHEON AEROSPACE LLC (AMP)
1000 JACKSON WAY
PANAMA CITY

FLORIDA, U.S.A.
32405

ATTENTION TO: STEVE MARKIEWICZ FEDEX 039206480

CONTACT: Shawn Stundon
PHONE : [REDACTED]
FAX : (450)-442-6810

TERMS: DO DUE ON RECEIPT
CURRENCY: US
IRS #:
SERVICE ORDER NUMBER:

ITEM	QTY	CATALOGUE#/DESCRIPTION	RELEASE	ITEM	QTY SHPD.	BALANCE DUE	W/O#	UNIT PRICE	TOTAL PRICE
001	1	825601-5 FP7, FURL POMP PWC CAT.NO:3040760 HS CODE:8413.60.0030 (ORIGIN:USA) ACCY S/N:2803	02006792	001	1	0	0001		

CONTAINER : 1 CTN.
LENGTH : .45
WIDTH : .35
HEIGHT : .30
NET WEIGHT : 2.4
GROSS WEIGHT : 3.4
COUNTRY OF ORIGIN : USA
NON PISTON NOT RELATED

CONTINUED

000006

Les articles ci-dessus sont prêt à être expédiés.
The items listed above are ready for shipment.

Date

Signature

JUL-26 02 16:14 FROM:PMC PLANT 12

450-442-6411

TO: 819014349769

PAGE: 03

Picture Proforma - Proforma Invoice



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

N° TPS
G.S.T. Reg'd No. R104287006

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec
Canada J4G 1A1

C 1169 (2001-11)

PAGE: 2

JOB #: 02006792 REL #: 02006792
SHIPMENT: 0001
P/O NUMBER: R57352
SOLD TO
AMP/CAPS AIR MIDWEST (MESA)
1000 MERIE VICTORIN
MAIL STOP 05DKJ
LONGUEUIL
QUÉBEC, CANADA
J4G 1A1

ROUTING: FEDEX F-1
WAYBILL: 400 9771 5240
F.O.B.: SEE BELOW
SHIP TO
RAYTHEON AEROSPACE LLC (AMP)
1000 JACKSON WAY
PANAMA CITY

CARRIER: FEDEX

SHIPPED: 07/25/02

FLORIDA, U.S.A.
32405
ATTENTION TO: STEVE MARRIEWICZ FEDEX 039206480

CONTACT: Shawn Stundon
PHONE : [REDACTED]
FAX : (450)-442-6810

TERMS: DO DUE ON RECEIPT
CURRENCY: US
IRS #:
SERVICE ORDER NUMBER:

ITEM	QTY	CATALOGUE#/DESCRIPTION	RELEASE	ITEM	QTY	SKPD.	BALANCE DUE	W/OH	UNIT PRICE	TOTAL PRICE
------	-----	------------------------	---------	------	-----	-------	-------------	------	------------	-------------

INTENDED FOR USE IN CIVIL AIRCRAFT
HS CODE: 8413.60.0030
ESTIMATED COST OF REPAIR: \$1350.00
VALUE OF MATERIAL WHEN IMPORTED: \$300.00
We, PRATT & WHITNEY CANADA INC. declare that the articles herein specified are, to the best of my knowledge and belief, the growth, production or manufacture of the United States; that they were exported from the United States from the port of (unknown) on or about (unknown) that they are returned without having been advanced in value or improved in condition by any process of manufacture or other means.

A.S.
"CUSTOMS ENTRY FEE COLLECT ALL CHARGES FOR THE ACCOUNT OF THE CONSIGNEE. (FCA PLAN 12.)"
RS

END REPORT

000007

Les articles ci-dessus sont prêt à être expédiés.
The items listed above are ready for shipment.

Date _____ Signature _____

JUL - 26 02 16:14 FROM: PMC PLANT 12

450-442-6411

TO: 819014349769

PAGE: 04

Message télécopié
Telecopier Information Sheet

P&WC 3489 102-991



Pratt & Whitney Canada
Une société de United Technologies

Pratt & Whitney Canada Inc.
1000, Avenue-Victoria
Longueuil, Québec
Canada J4G 1A1

Destinataire - To	
Nom de la compagnie Company Name	
À l'attention de Attention Of GARY RICHARDSON	
Nom du service Department Name	
TEL: [REDACTED]	
	Télécopieur Telecopier [REDACTED]

Date	26 5 02 02	
Expéditeur - From		
Nom Name	RUBIS SAINDON	
Service Dept.	Accessoires Accessories Business	
Poste Local	450-442-6891	(FAX) 450-442-6411
	<input type="checkbox"/>	(450) 442-6810
	<input type="checkbox"/>	(450) 442-6888
	Télécopieur Telecopier	<input type="checkbox"/> (450) 442-6999

** Si la qualité est mauvaise ou s'il manque des pages, rejoindre la ligne conversation :
** If quality is not good or if you do not receive all pages, call talk line:

(450) 442-6804 Soutien technique et ventes, Accessoires
Assistance Customer Support & Sales

(450) 442-6835 Matériel et approvisionnement, Accessoires
Accessories Materials & Procurement

(450) 442-6802 Accessoires
Accessories Business

Nombre de pages (y compris cette feuille) Total number of pages (including this sheet)	<input checked="" type="checkbox"/> 5	<input type="checkbox"/> Délai normal Routine
		<input type="checkbox"/> Urgent Rush
C.C.	Réf. Ref.	

Ce message est réservé au destinataire; il peut contenir des informations confidentielles.
Il est formellement interdit de divulguer ou de copier ces informations sans autorisation préalable. Si vous avez reçu ce message par erreur, veuillez nous appeler immédiatement (à
trais virés, s'il y a lieu) pour qu'il nous soit retourné. Merci.
This message is intended only for the addressee and may contain information that is privileged or confidential.
Any disclosure or copying by unauthorized personnel is strictly prohibited. If you received this message in error, please notify us immediately by telephone
(collect) to arrange for its return. Thank you.

000008

EMERGENCY RESPONSE

POTENTIAL HAZARDS

FIRE OR EXPLOSION

- Some may burn but none ignite readily.
- Those substances designated with a "P" may polymerize explosively when heated or involved in a fire.
- Containers may explode when heated.
- Some may be transported hot.

HEALTH

- Inhalation of material may be harmful.
- Contact may cause burns to skin and eyes.
- Inhalation of Asbestos dust may have a damaging effect on the lungs.
- Fire may produce irritating, corrosive and/or toxic gases.
- Runoff from fire control may cause pollution.

PUBLIC SAFETY

- CALL Emergency Response Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.
- Isolate spill or leak area immediately for at least 10 to 25 meters (30 to 80 feet) in all directions.
- Keep unauthorized personnel away.
- Stay upwind.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Structural firefighters' protective clothing will only provide limited protection.

EVACUATION

- Fire
If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

FIRE

Small Fires

- Dry chemical, CO₂, water spray or regular foam.

Large Fires

- Water spray, fog or regular foam.
- Move containers from fire area if you can do it without risk.
- Do not scatter spilled material with high pressure water streams.
- Dike fire-control water for later disposal.

Fire Involving Tanks

- Cool containers with flooding quantities of water until well after fire is out.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- ALWAYS stay away from tanks engulfed in fire.

SPILL OR LEAK

- Do not touch or walk through spilled material.
- Stop leak if you can do it without risk.
- Prevent dust cloud.
- Avoid inhalation of asbestos dust.

Small Dry Spills

- With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

Small Spills

- Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

Large Spills

- Dike far ahead of liquid spill for later disposal.
- Cover powder spill with plastic sheet or tarp to minimize spreading.
- Prevent entry into waterways, sewers, basements or confined areas.

FIRST AID

- Move victim to fresh air. • Call 911 or emergency medical service.
- Apply artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

6000009

#2

010000

07/25/2002 10:46 7709031493



SHIPPING PAPER AND NOTIFICATION FOR LOADING OF DANGEROUS GOODS (PART U)

4	<input type="checkbox"/> Aircraft / Truck Copy
	<input type="checkbox"/> Dangerous When Wet Placard
Truck Placard Box Weight	
Class	lbs

Express Pg 1 of 1 Pgs	Proper Shipping Name	Class	UN#	Pkg. Group	Sub Risk	Quantity & Type of Packing	Pkg Instr
-----------------------	----------------------	-------	-----	------------	----------	----------------------------	-----------

1,1,1,2-Tetrafluoroethane	2.2	UN3159				1 FIBERBOARD BOX X 13.61 kg	200
---------------------------	-----	--------	--	--	--	--------------------------------	-----

Origin	Dest	Shipment Type (Delete Non-Applicable)	This Shipment is Within The Limitations Prescribed For: (Delete Non-Applicable)	ULD/Comp/Bulk Truck Rtg	Remarks/Approvals/Authorizations
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NORCRO PANAMA		3M PFNA Non-Radioactive	Passenger Aircraft	Tracking #	24 hr. Emergency Telephone #
---------------	--	-------------------------	--------------------	------------	------------------------------

FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT. I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, LABELLED AND ARE ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENTAL REGULATIONS.		601715403895	8004249300
--	--	--------------	------------

SHIPPING EXT 105 JOHNSON INDUSTRIES 5944 PEACHTREE CORNERS EAST NORCROSS GA 30071 US Signature <u>paul p. mendzof</u>	ATLANTA, GA 07/25/2002	PARTS PANAMA CITY TOYOTA 959 WEST 15TH ST. PANAMA CITY FL 32401 US Title <u>BOX CLERK</u>
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770-441-3522
PAUL MENDZOF

FEDEX MGEA

PAGE 03



DuPont Chemicals

2188FR

Revised 23-MAR-1999

Printed 31-MAR-1999

"SUVA" 134a (AUTO)

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

"SUVA" is a trademark of DuPont.

Corporate MSDS Number	DU000693
CAS Number	811-97-2
Formula	CH2FCF3
CAS Name	1,1,1,2-TETRAFLUOROETHANE

Tradenames and Synonyms

"SUVA" 134a
HFC 134a

Company Identification

MANUFACTURER/DISTRIBUTOR
DuPont
1007 Market Street
Wilmington, DE 19898

PHONE NUMBERS

Product Information	1-800-441-7515
Transport Emergency	CHEMTREC: 1-800-424-9300
Medical Emergency	1-800-441-3637

COMPOSITION/INFORMATION ON INGREDIENTS

Components Material	CAS Number	%
ETHANE, 1,1,1,2-TETRAFLUORO- (HFC-134a)	811-97-2	100

(Continued)

000011

HAZARDS IDENTIFICATION**Potential Health Effects****INHALATION****ETHANE, 1,1,1,2-TETRAFLUORO-**

Gross overexposure may cause: Central nervous system depression with dizziness, confusion, incoordination, drowsiness or unconsciousness. Irregular heart beat with a strange sensation in the chest, "heart thumping", apprehension, lightheadedness, feeling of fainting, dizziness, weakness, sometimes progressing to loss of consciousness and death. Suffocation, if air is displaced by vapors.

SKIN CONTACT**ETHANE, 1,1,1,2-TETRAFLUORO-**

Immediate effects of overexposure may include: Frostbite, if liquid or escaping vapor contacts the skin.

EYE CONTACT**ETHANE, 1,1,1,2-TETRAFLUORO-**

"Frostbite-like" effects may occur if the liquid or escaping vapors contact the eyes.

ADDITIONAL HEALTH EFFECTS**ETHANE, 1,1,1,2-TETRAFLUORO-**

Increased susceptibility to the effects of this material may be observed in persons with pre-existing disease of the: central nervous system, cardiovascular system.

Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

FIRST AID MEASURES**First Aid****INHALATION**

If high concentrations are inhaled, immediately remove to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SKIN CONTACT

In case of contact, immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Call a physician. Wash contaminated clothing before reuse. Treat for frostbite if necessary by gently warming affected area.

EYE CONTACT

(Continued)

000012

FIRST AID MEASURES(Continued)

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION

Ingestion is not considered a potential route of exposure.

Notes to Physicians

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should only be used with special caution in situations of emergency life support.

FIRE FIGHTING MEASURES**# Flammable Properties**

Flash Point : Will not burn

Flammable limits in Air, % by Volume

LEL Not Applicable

UEL Not Applicable

Autoignition >743 C (>1369 F)

Fire and Explosion Hazards:

Cylinders may rupture under fire conditions. Decomposition may occur.

Contact of welding or soldering torch flame with high concentrations of refrigerant can result in visible changes in the size and color of torch flames. This flame effect will only occur in concentrations of product well above the recommended exposure limit, therefore stop all work and ventilate to disperse refrigerant vapors from the work area before using any open flames.

Potential combustibility:

HFC-134a is not flammable at temperatures up to 100 deg C (212 deg F) at atmospheric pressure. However, mixtures of HFC-134a with high concentrations of air at elevated pressure can become combustible at ambient temperature. As the temperature of the mixture is increased, lower pressure (but still greater than atmospheric pressure) can create the same effect. Therefore, HFC-134a should not be mixed with air under pressure for leak testing or other purposes. In general, HFC-134a should not be used or allowed to exist with high concentrations of air above atmospheric pressure.

Experimental data have also been reported which indicate combustibility of HFC-134a in the presence of certain concentrations of chlorine.

(Continued)

000013

EXPOSURE CONTROLS/PERSONAL PROTECTION
Engineering Controls

Normal ventilation for standard manufacturing procedures is generally adequate. Local exhaust should be used when large amounts are released. Mechanical ventilation should be used in low or enclosed places. Refrigerant concentration monitors may be necessary to determine vapor concentrations in work areas prior to use of torches or other open flames, or if employees are entering enclosed areas.

Personal Protective Equipment

Impervious gloves and chemical splash goggles should be used when handling liquid.

Under normal manufacturing conditions, no respiratory protection is required when using this product.

Self-contained breathing apparatus (SCBA) is required if a large release occurs.

Exposure Guidelines**Exposure Limits**

"SUVA" 134a (AUTO)	
PEL (OSHA)	None Established
TLV (ACGIH)	None Established
AEL * (DuPont)	1000 ppm, 8 & 12 Hr. TWA
WEEL (AIHA)	1000 ppm, 8 Hr. TWA

* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

PHYSICAL AND CHEMICAL PROPERTIES
Physical Data

Boiling Point	-26.5 C (-15.7 F) @ 736 mm Hg
Vapor Pressure	96 psia @ 25 C (77 F)
Vapor Density	3.6 (Air=1.0) @ 25 C (77 F)
% Volatiles	100 WT%
Solubility in Water	0.15 WT% @ 25 C (77 F) @ 14.7 psia
Odor	Ether (slight).
Form	Liquified Gas.
Color	Colorless.
Liquid Density	1.21 g/cm ³ @ 25 C (77 F)
Specific Gravity	1.208 @ 77 F (25 C)

Evaporation Rate : (CCL4 = 1); greater than 1

(Continued)

000014

STABILITY AND REACTIVITY

Chemical Stability
Stable.

Conditions to Avoid
Avoid open flames and high temperatures.

Incompatibility with Other Materials
Incompatible with alkali or alkaline earth metals - powdered Al, Zn, Be, etc.

Decomposition
Decomposition products are hazardous. This material can be decomposed by high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and possibly carbonyl fluoride.

Polymerization
Polymerization will not occur.

TOXICOLOGICAL INFORMATION

Animal Data
ETHANE, 1,1,1,2-TETRAFLUORO-

EYE:

A short duration spray of vapor produced very slight eye irritation.

SKIN:

Animal testing indicates this material is a slight skin irritant, but not a skin sensitizer.

INHALATION:

4 hour, ALC, rat: 567,000 ppm.

Single exposure caused: Cardiac sensitization, a potentially fatal disturbance of heart rhythm associated with a heightened sensitivity to the action of epinephrine.

Lowest-Observed-Adverse-Effect-Level for cardiac sensitization: 75,000 ppm. Single exposure caused: Lethargy. Narcosis.

Increased respiratory rates. These effects were temporary.

Single exposure to near lethal doses caused: Pulmonary edema.

Repeated exposure caused: Increased adrenals, liver, spleen weight. Decreased uterine, prostate weight. Repeated dosing of higher concentrations caused: the following temporary effects - Tremors. Incoordination.

CARCINOGENIC, DEVELOPMENTAL, REPRODUCTIVE, MUTAGENIC EFFECTS:

In a two-year inhalation study, HFC-134a, at a concentration of

(Continued)

000015

TOXICOLOGICAL INFORMATION (Continued)

50,000 ppm, produced an increase in late-occurring benign testicular tumors, testicular hyperplasia and testicular weight. The no-effect-level for this study was 10,000 ppm. Animal data show slight fetotoxicity but only at exposure levels producing other toxic effects in the adult animal. Reproductive data on male mice show: No change in reproductive performance. Tests have shown that this material does not cause genetic damage in bacterial or mammalian cell cultures, or in animals. In animal testing, this material has not caused permanent genetic damage in reproductive cells of mammals (has not produced heritable genetic damage).

ECOLOGICAL INFORMATION**Ecotoxicological Information****AQUATIC TOXICITY:**

48 hour EC50 - Daphnia magna: 980 mg/L.

96 hour LC50 - Rainbow trout: 450 mg/L

DISPOSAL CONSIDERATIONS**Waste Disposal**

Contaminated HFC-134a can be recovered by distillation or removed to a permitted waste disposal facility. Comply with Federal, State, and local regulations.

TRANSPORTATION INFORMATION**Shipping Information**

DOT/IMO

Proper Shipping Name

1,1,1,2-TETRAFLUOROETHANE

Hazard Class

2.2

UN No.

3159

DOT/IMO Label

NONFLAMMABLE GAS

Shipping Containers

Tank Cars.

Tank Trucks.

Ton Tanks.

Cylinders.

REGULATORY INFORMATION**U.S. Federal Regulations**

TSCA Inventory Status

Reported/Included.

TITLE III HAZARD CLASSIFICATIONS SECTIONS 311, 312

(Continued)

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REGULATORY INFORMATION(Continued)

Acute : Yes
Chronic : Yes
Fire : No
Reactivity : No
Pressure : Yes

HAZARDOUS CHEMICAL LISTS

SARA Extremely Hazardous Substance: No
CERCLA Hazardous Substance : No
SARA Toxic Chemical : No

OTHER INFORMATION**NFPA, NPCA-HMIS**

NPCA-HMIS Rating
Health 1
Flammability 0
Reactivity 1

Personal Protection rating to be supplied by user depending on use conditions.

Additional Information

MEDICAL USE: CAUTION: Do not use in medical applications involving permanent implantation in the human body. For other medical applications see DuPont CAUTION Bulletin No. H-50102.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for MSDS : DuPont Chemicals
Address : Engineering & Product Safety
> : P.O. Box 80709, Chestnut Run
> : Wilmington, DE 19880-0709
Telephone : (302) 999-4946

Indicates updated section.

End of MSDS

000017

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

(Provide at least two copies to the airline.)

Shipper 717-770-5012
TRANSPORTATION OFFICER
DEF DIST DEPOT SUSQUEHANNA EAST
NEW CUMBERLAND PA 17070-5001

Air Waybill No. **4979-7977-1997**
Page 1 of 1 Pages
Shipper's Reference Number
(optional) W91B2822030003LXX

Consignee W31NWY
SR W009 AV MAINT CONT AWCF SARSS
AIR MATERIAL ACCOUNT 334-255-9016
BLDG 1304 18TH STREET
FT RUCKER AL 36362-5121

Two completed and signed copies of this Declaration must be handed to the operator

WARNING
Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties. This Declaration must not, in any circumstances, be completed and/or signed by a consolidator, a forwarder or an IATA cargo agent.

TRANSPORT DETAILS
This shipment is within the limitations prescribed for:
(delete non-applicable)
 PASSENGER AND CARGO AIRCRAFT
 ~~CARGO AIRCRAFT~~

Airport of Departure

Airport of Destination:

Shipment type: (delete non-applicable)
 NON-RADIOACTIVE ~~OTHER~~

NATURE AND QUANTITY OF DANGEROUS GOODS
Proper Shipping Name, Class or Division, UN Number or identification Number, Packing Group (if required), number of packages, and all other required information.
COMPRESSED GAS, N.O.S. (BROMOTRIFLUOROMETHANE, NITROGEN), 2.2, UN1956
1 FIBREBOARD BOX X 1.13 KG
200
DOT-E 7945

Additional Handling Information

EMERGENCY CONTACT 1-800-851-8061 / 1-804-279-3131

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Name/Title of Signatory
DANIEL NEIDINGER
SUPPLY TECH.
Place and Date
NEW CUMBERLAND PA 25JUL2002
Signature



U.S. Department
of Transportation
Research and
Special Programs
Administration

400 Seventh St., S.W.
Washington, D.C. 20003

DOT-E 7945
(TENTH REVISION)

OCT 12 2001

EXPIRATION DATE: September 30, 2003

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. **GRANTEE:** Pacific Scientific Company
ETL/Kin Tech Division
Duarte, California

2. **PURPOSE AND LIMITATION:**

This exemption authorizes the manufacture, mark, sale and use of a non-DOT specification cylinder conforming to all regulations applicable to DOT specification 4DB, except as specified herein, for use in transporting materials authorized under this exemption. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.

3. **REGULATORY SYSTEM AFFECTED:** 49 CFR Parts 106, 107 and 171-180.

4. **REGULATIONS FROM WHICH EXEMPTED:** 49 CFR § 173.304(a)(1) and § 175.3 in that non-DOT specification cylinders are not authorized, except as specified herein.

5. **BASIS:** This exemption is based on the application of Pacific Scientific Company dated September 18, 2001, submitted in accordance with § 107.109.

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Continuation of DOT-E 7945 (10th Rev.)

OCT 12 2001

Page 2

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Compressed gases, n.o.s. (containing bromotrifluoromethane, pentafluoroethane, or iodotrifluoromethane)	2.2	UN1956	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a welded steel non-DOT specification cylinder conforming with DOT Specification 4DS(§§ 178.33 and 178.47) except as follows:

§ 178.47(a) Type, size and service pressure.

Applies except that service pressure must be at least 500 psig but not over 1,500 psig.

§ 178.47(b) Steel.

(a) Type nitronic 40 (ARMO 21-6-9) austenitic stainless steel with analysis as follows:

	Percent
Carbon	0.04 Max.
Manganese	8.00/10.00
Phosphorus	0.060 Max.
Sulfur	0.030 Max.
Silicon	1.00 Max.
Chromium	19.00/21.50
Nickel	5.50/7.50
Nitrogen	0.15/0.40

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§ 178.47(f) Wall thickness.

Minimum wall thickness for any cylinder shall be 0.040 inch. Minimum wall thickness shall be such that the wall stress does not exceed 45,000 pounds per square inch, at the marked service pressure.

- (1) Calculation for sphere must be made by the formula:

$$S = -0.25(PD/tE)$$

where:

- S = Wall stress in pounds per square inch.
 P = Service pressure, psig.
 D = Outside diameter, inches.
 t = Minimum wall thickness, inches.
 E = 0.85 (provides 85 percent weld efficiency factor which must be applied in the girth weld area and heat affected zone which zone shall extend a distance of 6 times wall thickness from center of weld); E = 1.0 (for all other areas).

- (2) Calculation for a cylinder must be made by the formula:

$$S = P(1.3D^2 + 0.4d^2) / (D^2 - d^2)$$

where:

- S = Wall stress in pounds per square inch.
 P = Service pressure, psig.
 D = Outside diameter, inches.
 d = Inside diameter, inches.

§ 178.47(g) Heat treatment.

Cylinders may be stress relieved or annealed for forming. Welded cylinder shall be stress relieved at a temperature of 900 °F ± 25 °F after process treatment and before hydrostatic test.

§ 178.47(n) Acceptable results for flattening and burst tests.

- (1) Flattening required to 50 percent of the original outside diameter without cracking except flattening test not required for spheres.

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(2) Burst pressure shall be at least 3 times service pressure or 1/3 times the test pressure whichever is greater.

§ 178.35(g) Marking.

Applies except the marking "DOT-E 7945" must be substituted for the DOT-4DS specification marking and followed by the service pressure and the Test Pressure marking, (TP-____), followed by the pressure at which the cylinder was tested, for example, "TP-3,000" must precede or be located immediately above the test data.

b. TESTING - Retest and reinspection must be in accordance with § 173.34(e), as prescribed for DOT Specification 4DS cylinders, except that the retest pressure must be that stamped on the cylinder.

8. SPECIAL PROVISIONS:

a. In accordance with the provisions of Paragraph (b) of § 173.22a, persons may use the packaging authorized by this exemption for the transportation of the hazardous materials specified in paragraph 6, only in conformance with the terms of this exemption.

b. A person who is not a holder of this exemption, but receives a package covered by this exemption, may reoffer it for transportation provided no modifications or changes are made to the package and it is offered for transportation in conformance with this exemption and the HMR.

c. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

d. Each packaging manufactured under the authority of this exemption must be marked with a registration symbol designated by the Office of Hazardous Materials Exemptions and Approvals for a specific manufacturing facility.

e. A current copy of this exemption must be maintained at each facility where the package is manufactured under this exemption. It must be made available to a DOT representative upon request.

f. The cylinder must be shipped in strong outside packaging in accordance with § 173.301(k). The pressure

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vessels are acceptable for shipment with the properly approved actuating cartridges installed in the discharge outlet.

g. Cylinders are for aircraft use only.

h. Packages specified herein marked "DOT SP 5861" prior to March 20, 1976, or "DOT-E 5861" prior to June 1, 1978, and which meet the requirements of the edition of DOT SP 5861 or DOT-E 5861 in effect at the time of manufacture, may be transported under the terms of this exemption.

i. A copy of the inspector's report specified in § 178.47-23 on the first lot of each design of cylinders produced with a service pressure greater than 900 psig must be submitted to the Office of Hazardous Materials Exemptions and Approvals (OHMEA) prior to initial shipment.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, cargo aircraft only, and passenger-carrying aircraft.
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel, aircraft or motor vehicle used to transport packages covered by this exemption. The shipper must furnish a copy of this exemption to the air carrier before or at the time the shipment is tendered.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq.
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
 - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

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No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.

- 12. **REPORTING REQUIREMENTS:** The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.13 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in: Washington, D.C.:



OCT 12 2001

(DATE)

40 Robert A. McGuire
 Associate Administrator for
 Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous
 Materials Safety, Research and Special Programs Administration,
 Department of Transportation, Washington, D.C. 20590.
 Attention: DEN-31.

The original of this exemption is on file at the above office.
 Photo reproductions and legible reductions of this exemption are
 permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S.
 Department of Transportation, 400 7th Street, S.W., Washington,
 DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: KEW

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Department of Defense Hazardous Materials Hotline



ITS A HALON
FIRE EXTINGUISHER
SMALL UNIT
APPROX. 2 1/2 lbs.

1-800-851-8061

Defense Supply Center Richmond Fire Department
8000 Jefferson Davis Highway
Richmond, VA 23297
Office Phone: (804) 279-3630 Fax: (804)279-4393



To: FEDEX
Attention: PHILLIP GETSKE
Phone: [REDACTED]
Fax: 901-434-9769
Pages Including Cover: 8

Department of Defense Hazardous Materials Hotline Notice of Disclaimer:

The Material Safety Data Sheet (MSDS) that you have requested is attached. This may or may not be the exact MSDS for the product that you are dealing with, however this is a carefully researched paper and it is based on the information that has been provided to the DOD Hazardous Materials Hotline operator. If additional or conflicting information becomes available, please feel free to call 1-800-851-8061.

*Photos are provided by The National Fire Protection Association and The Department of Defense.

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MSDS Safety Information

I

FSC: 6830 NIIN: 01-376-8397 MSDS Date: 06/10/1999 MSDS Num: CJGLB
 Submitter: D DG Tech Review: 06/10/1999 Status CD: A
 Product BROMOTRIFLUOROMETHANE,HALON 1301R MFN: 01
 ID:
 Article: N Kit Part: N
 Responsible Party Cage: 13873
 Name: DEFENSE GENERAL SUPPLY CENTER
 Address: 8000 JEFFERSON DAVIS HWY
 City: RICHMOND State: VA Zip: 23297-5000
 Country: NK
 Info Phone Number: 804-279-4371
 Emergency Phone Number: 804-279-4371
 Radioactive Ind: N
 Preparer's Name: HMIS/VBA
 Proprietary Ind: N Review Ind: Y
 Published: Y Special Project CD: N

Contractor Summary

I

Cage: 13873 Name: DEFENSE GENERAL SUPPLY CENTER
 Address: 8000 JEFFERSON DAVIS HWY
 City: RICHMOND State: VA Zip: 23297-5000
 Country: NK Phone: 804-279-4371

Item Description Information

Item Manager: S9G
 Item Name: BROMOTRIFLUOROMETHANE
 Specification Number: N/R Type/Grade/Class: N/R
 Unit of Issue: CY Quantitative Expression: 00000000070LB
 UI Container Qty: 0 Type of Container: CYLINDER

Ingredients

Cas: 75-63-8 Code: T RTECS #: PA5425000 Code: T
 Name: BROMOTRIFLUOROMETHANE
 = Wt: 100. Code: F
 Environmental Wt:
 Other REC Limits: NONE RECOMMENDED

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OSHA PEL: 6100 MG/M3;1000 PPM	Code: T	OSHA N/P STEL:	Code:
ACGIH TLV: 6090 MG/M3;1000 PPM	Code: T	ACGIH NOT STEL: ESTABLISHED	Code: T
EPA Rpt Qty:		DOT Rpt Qty:	

Ozone Depleting Chemical: 1

Health Hazards Data

I

LD50 LC50 Mixture TLV IS 1000 PPM.

Route Of Entry Inds - Inhalation: YES	Skin: NO	Ingestion: NO
Carcinogenicity Inds - NTP: NO	IARC: NO	OSHA: NO

Health Hazards Acute And Chronic

TARGET ORGANS: EYES, SKIN, CENTRAL NERVOUS SYSTEM, HEART, RESPIRATORY TRACT. ACUTE - EYE: THE LIQUID FORM OF THIS PRODUCT CAN PRODUCE CHILLING SENSATION AND DISCOMFORT. SKIN: EVAPORATION OF LIQUID FROM SKIN CAN CAUSE CHILLING SENSATION. FROSTBITE CAN OCCUR. INHALATION: VAPOR IS HEAVIER THAN AIR AND CAN CAUSE SUFFOCATION BY REDUCING OXYGEN. BREATHING VERY HIGH CONCENTRATIONS OF VAPOR CAN CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, AND MAY LEAD TO NARCOSIS, CARDIAC IRREGULARITIES, UNCONSCIOUSNESS OR EVEN DEATH. INGESTION: INGESTION IS NOT LIKELY TO OCCUR SINCE THIS MATERIAL IS GAS AT ROOM TEMPERATURE. CHRONIC - UNKNOWN.

Explanation Of Carcinogenicity

NONE

Signs And Symptoms Of Overexposure

EYE OR SKIN FROSTBITE AND FREEZE BURNS, HEADACHE, DROWSINESS, DIZZINESS, RAPID BREATHING, IRREGULAR HEART RATE, SHORTNESS OF BREATH, MUSCULAR WEAKNESS, RINGING IN THE EAR, UNCONSCIOUSNESS, COMA, DEATH

Medical Cond Aggravated By Exposure

PERSONNEL WITH PRE-EXISTING DISEASES OF THE CENTRAL NERVOUS SYSTEM OR CARDIOVASCULAR SYSTEM MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

First Aid

GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. CALL PHYSICIAN. TREAT FOR FROSTBITE IF NECESSARY. INHALED: REMOVE VICTIM TO FRESH AIR. IF COUGH OR OTHER RESPIRATORY SYMPTOMS OCCUR, CONSULT MEDICAL PERSONNEL. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, PROVIDE OXYGEN. SKIN: WASH THE MATERIAL OFF THE SKIN WITH COPIOUS AMOUNT OF WATER FOR AT LEAST 15 MINUTES. TREAT FOR POSSIBLE FROSTBITE USING WARM WATER (105F). INGESTION: INGESTION IS NOT LIKELY TO OCCUR SINCE THIS MATERIAL IS GAS AT ROOM TEMPERATURE..

Spill Release Procedures

EVACUATE AREA. WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. REMOVE OPEN FLAMES. VENTILATE TO OUTSIDE ATMOSPHERE. STOP LEAK IF POSSIBLE. UNCONTROLLED RELEASES SHOULD BE RESPONDED TO BY TRAINED PERSONNEL USING PRE-PLANNED PROCEDURES.

Neutralizing Agent

NOT RELEVANT

Waste Disposal Methods

000027

WASTE DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. RECYCLE OR REUSE IF POSSIBLE.

Handling And Storage Precautions

STORE IN A COOL, WELL-VENTILATED PLACE AWAY FROM OPEN FLAMES AND INCOMPATIBLES. KEEP CYLINDERS SECURED AND UPRIGHT. KEEP OUT OF REACH OF CHILDREN.

Other Precautions

KEEP AWAY FROM SOURCES OF HEAT. USE WITH ADEQUATE VENTILATION. THIS GAS IS HEAVIER THAN AIR AND TENDS TO ACCUMULATE NEAR THE FLOOR IN CLOSED SPACES. READ ALL LABEL INSTRUCTIONS.

Fire and Explosion Hazard Information

I

Flash Point Method: N/A

Flash Point:

Flash Point Text: NONE

Autoignition Temp:

Autoignition Temp Text: N/P

Lower Limits: NOT RELEVANT

Upper Limits: NOT RELEVANT

Extinguishing Media

THIS IS A FIRE EXTINGUISHING AGENT. USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL FOR SURROUNDING FIRE.

Fire Fighting Procedures

WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. EVACUATE AREA.

Unusual Fire/Explosion Hazard

FORM TOXIC AND/OR CORROSIVE GASES. CYLINDER MAY RUPTURE.

Control Measures

I

Respiratory Protection

IF ABOVE TLV OR UNKNOWN CONCENTRATIONS, USE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED AIR RESPIRATOR.

Ventilation

SUFFICIENT TO PREVENT ACCUMULATION ABOVE TLV. LOCAL EXHAUST LOCATED NEAR THE FLOOR.

Protective Gloves

INSULATED NEOPRENE IF HANDLING LIQUID

Eye Protection

SAFETY GOGGLES RECOMMENDED

Other Protective Equipment

EYE WASH STATION, SAFETY SHOWER, INDUSTRIAL-TYPE WORK CLOTHING, SAFETY SHOES AND APRON AS REQUIRED.

Work Hygienic Practices

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

N/P

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Physical/Chemical Properties

HCC: G3 NRC/State LIC No: NOT RELEVANT

Net Prop WT For Ammo:

Boiling Point:	B.P. Text: N/R
Melt/Freeze Pt:	M.P/F.P Text: N/R
Decomp Temp:	Decomp Text: N/K
Vapor Pres: N/K	Vapor Density: >1
Volatile Org Content %:	Spec Gravity: 1.57 (LIQUID)
VOC Pounds/Gallon:	PH: N/R
VOC Grams/Liter:	Viscosity: NOT RELEVANT

Evaporation Rate & Reference: NOT RELEVANT (GAS)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: CLEAR, COLORLESS LIQUEFIED GAS - SLIGHT
ETHEREAL ODOR

Percent Volatiles by Volume: 100 Corrosion Rate: N/R

Reactivity Data

I

Stability Indicator: YES

Stability Condition To Avoid: OVERHEATING CYLINDERS, HIGH
TEMPERATURES, GLOWING METAL
SURFACES, OPEN FLAME

Materials To Avoid: ACTIVE METALS, ALKALI

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,
HYDROGEN FLUORIDE, HYDROGEN BROMIDE,
BROMINE, CARBONYL FLUORIDE, CARBONYL
BROMIDE

Hazardous Polymerization NO
Indicator:

Conditions To Avoid NOT RELEVANT
Polymerization:

Toxicological Information

I

Toxicological Information: N/P

Ecological Information

I

Ecological: N/P

MSDS Transport Information

I

Transport Information: N/P

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FIRE FIGHTING MEASURES(Continued)**Fire and Explosion Hazards:**

Cylinders may rupture under fire conditions. Decomposition may occur.

Contact of welding or soldering torch flame with high concentrations of refrigerant can result in visible changes in the size and color of the torch flame. This flame effect will only occur in concentrations of product well above the recommended exposure limit, therefore stop all work and ventilate the area before proceeding. Use forced ventilation to disperse refrigerant vapors from the work area before using any open flames.

Extinguishing Media

Use media appropriate for surrounding material.

Fire Fighting Instructions

Cool tank/container with water spray. Self-contained breathing apparatus (SCBA) may be required if cylinders rupture or release under fire conditions.

ACCIDENTAL RELEASE MEASURES**Safeguards (Personnel)**

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Ventilate area, especially low or enclosed places where heavy vapors might collect. Remove open flames. Use self-contained breathing apparatus (SCBA) if large spill or leak occurs.

HANDLING AND STORAGE**Handling (Personnel)**

Use with sufficient ventilation to keep employee exposure below recommended limits.

Handling (Physical Aspects)

HFC-134a should not be mixed with air for leak testing or used for any other purpose above atmospheric pressure. See Flammable Properties section. Contact with chlorine or other strong oxidizing agents should also be avoided.

Storage

Store in a clean, dry place. Do not heat above 52 C (126 F).

(Continued)

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Regulatory Information

I

Sara Title III Information: IT IS LISTED ON EPCRA 313.
Federal Regulatory Information: N/P
State Regulatory Information: N/P

HMIS Transportation Information

Responsible Party Cage: 13873	Trans ID NO: 144091
Product ID: BROMOTRIFLUOROMETHANE,HALON 1301R	
MSDS Prepared Date: 06/10/1999	Review Date: 06/10/1999
MFN: 1	
Submitter: D DG	Status CD: A
Article W/O MSDS: N	Tech Entry NOS Shipping Nm:
Radioactivity:	Form:
Net Explosive Weight:	
Coast Guard AMMO Code: N/R	Magnetism: N/R
Net Unit Weight: 50-70 LBS	AF MMAC Code:
DOD Exemption NUM:	Limited Quantity IND: N
Multiple KIT Number: 0	Kit IND: N
Kit Part IND: N	Review IND: N
Unit Of Issue: CY	Container QTY: 0
Type Of Container: CYLINDER	
Additional Data:	

Detail DOT Information

I

DOT PSN Code: CEX	Symbols:
DOT Proper Shipping Name: BROMOTRIFLUOROMETHANE, OR REFRIGERANT GAS, RI3B1	
DOT PSN Modifier: RI3B1	
Hazard Class: 2.2	UN ID Num: UN1009
DOT Packaging Group:	
Label: NONFLAMMABLE GASS	
Special Provision:	
Packaging Exception:	
Non Bulk Pack: 304	Bulk Pack: 314,315
Max Qty Pass: 75 KG	Max Qty Cargo: 150 KG
Vessel Stow Req: A	
Water/Ship/Other Req:	

Detail IMO Information

I

IMO PSN Code: CMN
IMO Proper Shipping Name: BROMOTRIFLUOROMETHANE
IMO PSN Modifier:

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IMDG Page Number: 2109 UN Number: 1009
 UN Hazard Class: 2(2.2) EMO Packaging Group: -
 Subsidiary Risk Label: -
 EMS Number: 2-09 MED First Aid Guide NUM: 350

Detail IATA Information

IATA PSN Code: DYC IATA UN ID NUM: 1009
 IATA Proper Shipping Name: BROMOTRIFLUOROMETHANE
 IATA PSN Modifier: (R13B1)
 IATA UN Class: 2.2 Subsidiary Risk Class:
 IATA Label: NON-FLAMMABLE GAS
 UN Packing Group: Packing Note Passenger: 200
 Max Quant Pass: 75KG Max Quant Cargo: 150KG
 Packaging Note Cargo: 200 Exceptions:

Detail AFI Information

AFI PSN Code: DYC AFI Symbols:
 AFI Proper Shipping Name: BROMOTRIFLUOROMETHANE (R13B1)
 AFI PSN Modifier:
 AFI Hazard Class: 2.2 AFI UN ID NUM: UN1009
 AFI Packing Group: N/A
 AFI Label:
 Special Provisions: P5 Back Pack Reference: A6.3, A6.5

HMIS HAZCOM Label

 [Print Labels](#)

Product ID: BROMOTRIFLUOROMETHANE, HALON 1301R
 Cage: 13873 Assigned IND: N
 Company Name: DEFENSE GENERAL SUPPLY CENTER
 Street: 8000 JEFFERSON DAVIS HWY PO Box:
 City: RICHMOND State: VA Zipcode: 23297-5000
 Country: NK

Health Emergency Phone: 804-279-4371

Label Required IND: Y	Date Of Label Review: 06/10/1999
Status Code: A	MFG Label NO:
Label Date:	Year Procured:
Origination Code: F	Chronic Hazard IND: N/P
Eye Protection IND: YES	Skin Protection IND: YES
Signal Word: WARNING	Respiratory Protection IND: NO
Health Hazard: Moderate	
Contact Hazard: Moderate	
Fire Hazard: None	
Reactivity Hazard: None	

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Hazard And Precautions

TARGET ORGANS: EYES, SKIN, CENTRAL NERVOUS SYSTEM, HEART, RESPIRATORY TRACT.
ACUTE - EYE: THE LIQUID FORM OF THIS PRODUCT CAN PRODUCE CHILLING SENSATION
AND DISCOMFORT. SKIN: EVAPORATION OF LIQUID FROM SKIN CAN CAUSE CHILLING
SENSATION. FROSTBITE CAN OCCUR. INHALATION: VAPOR IS HEAVIER THAN AIR AND CAN
CAUSE SUFFOCATION BY REDUCING OXYGEN. BREATHING VERY HIGH CONCENTRATIONS
OF VAPOR CAN CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, AND MAY LEAD TO
NARCOSIS, CARDIAC IRREGULARITIES, UNCONSCIOUSNESS OR EVEN DEATH. INGESTION:
INGESTION IS NOT LIKELY TO OCCUR SINCE THIS MATERIAL IS GAS AT ROOM
TEMPERATURE. CHRONIC - UNKNOWN.

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.

HMIS Sponsored by
DEFENSE SUPPLY CENTER RICHMOND

000033

#4
 Attn - Patrick
 Paul
 434-9769

FedEx
 Express
 Pg of | Pgs |

**SHIPPING PAPER AND NOTIFICATION FOR LOADING
 OF DANGEROUS GOODS (PART U)**

3

File Copy Retain 30 Days

Yellow 18 Placard
 Dangerous When Wet Placard
 Truck Placard Box Weight
 Class / lbs

Proper Shipping Name	Class	UN#	Pkg Group	Sub Rate	Quantity & Type of Packing	Pkg Instr
Seat-belt pretensioners Seat Belt Pretensioners	9	UN3268	III		1 Fiberboard Box X 1.90 kg	9

Origin	Dest	Shipment Type (Delete Non-Applicable)	This Shipment is Within The Limitations Prescribed For: (Delete Non-Applicable)	ULD/Comp# Bulk Truck R#	Remarks/Approvals/Authorizations
OLIVE BRANCH		VE 1401A Non-Radioactive	XXXXXXXXX Passenger XXXXXXXXX Cargo Aircraft Only		

FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT THE SHIPMENT CONTAINS
 RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT. I
 HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY
 PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, LABELLED AND ARE ALL RESPECTS IN PROPER
 CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENTAL
 REGULATIONS.

Tracking #	24 hr. Emergency Telephone #
616984580346	800.2436732

Shipper's Name and Address	Place/Date	Recipient's Name and Address
Russell Finney Maeda OLY PDC 9101 Bucker Cross Rd Olive Branch MS 38654 US	OLIVE BRANCH 07/25/2002	PARTS MANAGER MITCHELL MAZDA 1222 BUCKER BOULEVARD ENTERPRISE AL 36330 US
Signature <u>RUSSELL FINNEY</u> Title <u>WAREHOUSE</u>		

155800 M-0390U 08/01 SRC

Typewritten Signature Acceptable

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NO.620 P.2/7
1 F20-57-900
1 F20-57-920



U.S. Department
of Transportation
Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

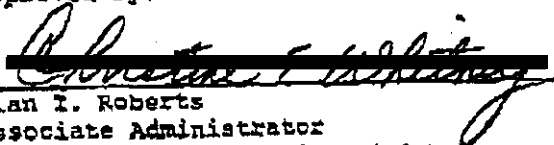
Based upon a request by Eric Barcaskey on behalf of TRW Vehicle Safety Systems, Inc., 11202 East Germann Road, Queen Creek, Arizona, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER: Seat Belt Pretensioners, UN3268

U.N. CLASSIFICATION CODE: 9

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9911042	PN 150 Seat Belt Pretensioner

Approved by:

Alan T. Roberts

 Alan T. Roberts
 Associate Administrator
 for Hazardous Materials Safety

NOV 16 1999
(DATE)

000035

S-15

**TRW OCCUPANT SAFETY SYSTEMS
 INFLATABLE RESTRAINT SYSTEMS - MESA OPERATIONS
 MATERIAL SAFETY DATA SHEET
 SEAT BELT PRETENSIONER GAS GENERATOR - MG-1**

1F20-57-900
 1F20-57-920

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

TRW Occupant Safety Systems Inflatable Restraint Systems - Mesa Operations 4051 N. Higley Road Mesa, AZ 85215 (480) 733-1300	Emergency Telephone No. Chemtrec: 1-800-424-9300
TRADE NAME: SEAT BELT PRETENSIONER GAS GENERATOR - MG-1	MSDS NUMBER: 6020
CHEMICAL NAME: Seat Belt Pretensioner containing a Nitrocellulose-based Propellant	SYNONYMS: Seat Belt Pretensioner
PREPARED BY: Clayton Group Services, Inc.	DATE OF ISSUE/REVISION: Issue: August 24, 2000

2. INGREDIENTS

<u>Component</u>	<u>CAS #</u>	<u>Percent</u>	<u>ACGIH (TLV)</u>	<u>OSHA (PEL)</u>	<u>Units</u>
Nitrocellulose	9004-70-0	85-90	Not Est.	Not Est.	Not Est.
Potassium Perchlorate	7778-74-7	3-7	10 (T) 3 (R)	15 (T) 5 (R)	mg/M ³ mg/M ³
Zirconium	7440-67-7	3-7	5 10 (STEL)	5 Not Est.	mg/M ³ mg/M ³
Potassium Sulfate	7778-80-5	1-3	10 (T) 3 (R)	15 (T) 5 (R)	mg/M ³ mg/M ³
Diphenyl Amine	122-39-4	1-2	10	Not Est.	mg/M ³
1,3-Diethyl-1,3-Diphenylurea	85-96-3	1-2	Not Est.	Not Est.	Not Est.

T = Total particulate matter; R = Respirable fraction of particulate matter; STEL = Short Term Exposure Limit.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

The propellant is classified as a Class 1.3 Explosive and may be ignited by excessive heat, severe impacts, or contact with live electrical circuitry. These components are sealed inside a metal pretensioner and, therefore, contact is unlikely. The propellant is a white with a weakly pungent odor. Dusts and particulate matter from ruptured pretensioners may cause irritation of the eyes, skin, mucous membranes, and respiratory tract. *Wear appropriate personal protective equipment. Keep individuals not involved in the cleanup out of the area. Eliminate all sources of potential ignition and live electrical circuitry. Pick up released materials with anti-static, non-sparking implements and place in appropriate containers for disposal. If propellant or intact inflators are involved in a fire situation, evacuate all personnel to a safe distance and allow fire to burn unless life or property is threatened. If life or property is threatened by fire, use large quantities of water. Do not allow product or runoff water to enter storm or sanitary sewers, ground water, or soil.*

The pretensioner is supplied as a sealed unit and there should be no exposure to the propellant. The health effects discussed below are for the propellant mixture. The amount of material in one pretensioner would not be expected to cause the effects listed under chronic and carcinogenicity.

POTENTIAL HEALTH EFFECTS:

Eye: Dusts may cause irritation and reddening.

Skin Contact: Not known to be absorbed through the intact skin.

Ingestion: Is not expected to be an important route of entry. Dusts may cause gastrointestinal distress.

Inhalation: Dusts may cause irritation and coughing.

Chronic & Carcinogenicity: Prolonged exposures may cause dermatitis. Perchlorates can affect the utilization of iodine by the thyroid gland. Long term, high level exposures to perchlorates may cause symptoms of thyroid dysfunction such as goiter. There is also some evidence that ingestion of large quantities of perchlorates can cause kidney and lymph node damage and, in extreme cases, damage to the blood forming organs. Perchlorates and nitrates may convert hemoglobin to methemoglobin and block the oxygen transport mechanism of the blood. Pre-existing lung, skin, kidney, and thyroid conditions may possibly be aggravated by prolonged exposures to high concentrations of the components of the propellant.

POTENTIAL HEALTH EFFECTS INFLATOR GASES:

Inflator gases are simple asphyxiants. The amount of gas contained in a single unit is not expected to cause or contribute any acute or chronic health effects.

4. FIRST AID MEASURES

Inhalation: Remove exposed person to fresh air. If breathing is difficult, oxygen may be administered. If breathing has stopped, artificial respiration should be started immediately. Seek medical attention.

Eyes: Flush with tepid water for at least 20 minutes holding the eyelids wide open. Seek medical attention if irritation develops.

Skin: Wash thoroughly with mild soap and water. Seek medical attention if irritation develops. Remove any contaminated clothing and launder thoroughly before reuse.

Ingestion: Not expected to be an important route of entry into the body. If large amounts of the product are ingested, give 2 glasses of water. Never give anything by mouth to an unconscious person. Seek medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT: NA LEL: 0% UEL: 100% AUTO IGN. TEMP.: 338° F (170° C) Propellant

* Propellant is self oxidizing at elevated temperatures/

Propellant is a DOT Class 1.3 Explosive. Unless life or property is threatened, do not fight fires where units are involved. The area should be evacuated to a safe distance, and all personnel kept upwind of the area. A self contained breathing apparatus operating in the positive pressure mode and full fire fighting gear should be worn for combating fires. Units near fires should be cooled with a water spray to prevent ignition or possible detonation.

6. ACCIDENTAL RELEASE MEASURES

Inflators should be picked up and placed in appropriate containers. Released propellant from ruptured inflators should be picked up with anti-static tools and placed in DOT approved containers for disposal. Avoid contact with live or static electrical sources. Avoid contact with acids. Individuals involved in the cleanup should wear appropriate personal protective equipment. All other personnel should be kept well clear of the area. Keep from entering storm or sanitary sewers, ground water, or soil. Releases may be reportable to federal, state, or local authorities.

7. HANDLING AND STORAGE

The propellant is a Class 1.3 Explosive and should be handled and stored accordingly. Do not store with or near incompatible materials cited in Section 10. Do not use or store near open flames, other source of ignition, where there is the possibility of contact with live electrical equipment or circuitry, or where there is the possibility of the buildup of static charges. Where dusty conditions may exist, electrically conductive floors and shoes are recommended to prevent the buildup of static charges

8. EXPOSURE CONTROL - PERSONAL PROTECTION

ENGINEERING CONTROLS: Not normally required. Pretensioners are sealed units.

RESPIRATORY: Not normally required. If exposures may exceed the limits cited in Section 2, use, as a minimum, a NIOSH approved full facepiece respirator with R-95 cartridges. If there is the possibility that the sodium azide component may come in contact with acids, use a NIOSH approved supplied air respirator. Consult a professional industrial hygienist or your respiratory protective equipment supplier for selection of the proper equipment. The evaluation of the need for respiratory protection should be determined by a professional industrial hygienist.

EYE PROTECTION: Safety glasses with side shields are recommended.

PROTECTIVE GLOVES: Not normally required for product. Inflators are sealed units and there should be no exposure to the propellant mixture. Hand protection appropriate to the operation being performed should be worn.

GENERAL: No other personal protective equipment is generally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & PHYSICAL STATE:

Pretensioner assembly is a metal cylinders.
Propellant is a gray-black solid.

MELT POINT: ND

VAPOR DENSITY (AIR = 1): NA

OCTANOL/WATER PARTITION COEFFICIENT: ND

VAPOR PRESSURE: NA

EVAPORATION RATE (BuOAc = 1): NA

9. PHYSICAL AND CHEMICAL PROPERTIES (Continued)

ODOR: NA for Pretensioner Assembly
Propellant = Weakly Pungent

SPECIFIC GRAVITY/BULK DENSITY: SG
Propellant = 1.60

% VOLATILE BY VOLUME: Not Volatile

BOILING POINT: NA

% SOLUBILITY (H₂O): Propellant = 5

pH: NA

OTHER: Autoignition Temperature
= 338° F (170° C)

10. STABILITY AND REACTIVITY

STABILITY & POLYMERIZATION: Stable under normal conditions. Hazardous polymerization will not occur.

INCOMPATIBILITY (CONDITIONS TO AVOID): Propellant is a strong oxidizer. Keep from contact with organic material, strong acids, and reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition or combustion of the propellant may produce dense smoke, oxides of carbon and nitrogen and low molecular weight organic species whose composition and toxicity has not been evaluated, hydrogen cyanide, hydrogen chloride vapors, and ammonias.

SPECIAL SENSITIVITY: The propellant is sensitive to premature detonation by live and static electrical sources if the unit is not properly protected and isolated.

11. TOXICOLOGICAL INFORMATION

Detailed toxicology studies have not been performed on the propellant mixture. Chronic toxicity information on perchlorates in Section 3 obtained from Canadian Center for Occupational Safety & Health.

12. ECOLOGICAL INFORMATION

The product is supplied as a sealed unit and, as such, should not present a hazard to the environment. Detailed studies on the environmental fate of the propellant have not been conducted. Studies by the U.S. Army indicate that cellulose nitrate produced no acute toxic effects to several species of fish, algae, and invertebrates at nominal concentrations of 1,000 mg/L. Based on the data obtained, a water quality criteria of 50 mg/L was proposed. Prudent practice would, however, dictate that the propellant that may be released from ruptured unit not be allowed to enter the environment.

13. DISPOSAL CONSIDERATIONS

Dispose of used or waste product in accordance with all federal, state, and local regulations pertaining to the management of RCRA regulated wastes (40 CFR 261, 262, and 268). Because of the pyrotechnic nature of the propellant, remote firing of devices is recommended prior to disposal. Once fired, the metal canister (aluminum and steel) can be reclaimed. Unfired devices may also be activated and discharged in an incinerator. This procedure requires an appropriate incinerator and may only be performed specifically authorized facilities.

14. TRANSPORTATION INFORMATION

DOT Classification: Cartridges, Power Device, 1.4C, UN0276

Note: DOT classification is dependent on packaging used.

15. REGULATORY INFORMATION

OSHA Hazard Communication Categories: Propellant - Irritant, Kidney, Thyroid, Blood

Potassium perchlorate appear on the Right-To-Know Hazardous Substance List for the State of New Jersey.

The components of the product are not reportable under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

16. OTHER INFORMATION

Not Est. = Not Established; NA = Not Applicable; ND = Not Determined

All components of the propellant are included in the Toxic Substances Control Act (TSCA) inventory.

IMPORTANT SAFETY NOTICE: The information in the Material Safety Data Sheet relates only to the specific material(s) described herein and does not relate to use in combination with any other material or substance or in any process. We believe that the information contained herein is current as of the date of issue of this Material Safety Data Sheet. *Because the use of this information and these opinions and the conditions of use of this product are not within the control of TRW Occupant Safety Systems - Inflatable Restraint Systems - Mesa Operations, it is the user's obligation to determine the conditions of safe use of the product.*

Users of this product should study this Material Safety Data Sheet and become aware of the product hazards and safety information before using the product. Users should also notify their employees, agents, and contractors regarding information contained in this Material Safety Data Sheet and any product hazards and safety information in order to provide safe use of this product.



Mazda North American Operations

FAX Message

Phil

Haz-mat

901-434-9769

DEPT/LOCATION

FAX

Shari



662-893-5701

DEPT/PHONE

FAX

JM

7-26-01

TE

SUBJECT

7

TOTAL PAGES INCLUDING
COVER PAGE

COPIES TO

MESSAGE:

Phil,

MSDS material you requested.

Thanks

Shari

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FedEx Reg Copy Retain 1 Year	
<input type="checkbox"/>	Yellow III Placard
<input type="checkbox"/>	Dangerous When Wet Placard
Truck Placard Box Weight	
Class	lb

2

FedEx

Express
Pg 1 of 1 Pgs

SHIPPING PAPER AND NOTIFICATION FOR LOADING OF DANGEROUS GOODS (PART U)

Proper Shipping Name	Class	UN#	Pkg. Group	Sub Risk	Quantity & Type of Packing	Pkg Ins'
Chemical kit CHEMICAL KIT	9	UN3316	II		1 FIBERBOARD BOX(ES) X 0.04 kg	915

Origin	Dest	Shipment Type (Delete Non-Applicable)	This Shipment is Within The Limitations Prescribed For: (Delete Non-Applicable)	ULD/Comp# Bulk Truck It#	Remarks/Approvals/Authorizations
Chaska	TALLAHASSEE	IB-TJHA Non-Radioactive	TEANXX Radioactive		IN ACCORDANCE WITH ICAO/IATA

FOR RADIOACTIVE MATERIAL SHIPMENTS ACCEPTABLE FOR PASSENGER AIRCRAFT THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INGREDIENT TO RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT. I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, LABELLED AND ARE ALL RESPECTS IN PROPER CONSIDERATION FOR TRANSPORT BY AIR ADDUDDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENTAL REGULATIONS.	Tracking # 617083985734	24 hr. Emergency Telephone # 8004849380
---	----------------------------	--

Shipper's Name and Address	Place/Date	Recipient's Name and Address
JEFF PETERSON BECKMAN COULTER DR Chaska MN 55318 US	CHASKA 07/25/2002	MEDICAL GROUP NORTH FLORIDA 2226 CARE DR SUITE 200 TALLAHASSEE FL 32308 US
Signature: JEFF PETERSON	Title: DISTRIBUTION SPECIALIST	

155000 14-0390U 08/01 SINC
Typewritten Signature Acceptable

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07/26/2002 09:25

NO. 426 P02



Pg 1 of 1 Pgs

SHIPPING PAPER AND NOTIFICATION FOR LOADING OF DANGEROUS GOODS NON-RADIOACTIVE (PART C)

PRESS HARD - 10 PART FORM - USE BALL POINT PEN ONLY

Shipper's Copy Remove at Origin

<input type="checkbox"/> Dangerous When Wet Placard
Truck Placard Box Weight
Class / lbs

Proper Shipping Name	Class	UN#	Pkg. Group	Sub Risks	Quantity & Type of Packing	Pkg Instr
SEAT BELT PRETENSIONERS	9	UN3268 III			1 FIBERBOARD BOX 1 KG	917

Origin	Dest	Shipment Type (Delete Non-Applicable)	This Shipment is within The Limitations Prescribed For: (Delete Non-Applicable)	ULD/Comp# Bulk Truck Rte	Remarks/Approvals/Authorizations
--------	------	---------------------------------------	---	--------------------------	----------------------------------

DTTA ICAO/IATA

Non-Radioactive ~~XXXXXX~~ Passenger Aircraft ~~XXXXXX~~ X

I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED AND LABELLED AND ARE IN ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENTAL REGULATIONS. FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT.

Tracking # 6168 1439 0732
24 hr. Emergency Telephone # 1-800-424-9300

Shipper's Name and Address	Place/Date	Recipient's Name and Address
FORD MOTOR CO-PARTS 11871 MIDDLEBELT RD LIVONIA, MI 48150 09766245 91166957	LIVONIA, MI 7-11-02 J/C 03872	ALBANY TOP 2926 N SLAPPY DL ALBANY, GA 31701
Signature <u>BARBERA OWENS</u>	Title <u>TRANSPORTATION</u>	

M-0390C 6/00 141751 SRC

Typewritten Signature Acceptable

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SHIPPING PAPER AND NOTIFICATION FOR LOADING OF DANGEROUS GOODS NON-RADIOACTIVE (PART C)

Shipper's Copy Remove at Origin
Dangerous When Wet Placard
Truck Placard Box Weight
Class / lbs

Pg 1 of 1 Pgs

PRESS HARD - NO PART FORM - USE BALL POINT PEN ONLY

Table with columns: Proper Shipping Name, Class, UN#, Pkg. Group, Sub Risks, Quantity & Type of Packing, Pkg Instr.
Row 1: Air bag inflators, pyrotechnic, 9, UN3268, III, 1 CARDBOARD X 4 g, 9

Table with columns: Origin, Dest, Shipment Type, This Shipment is Within The Limitations Prescribed For, ULD/Comp# Bulk Truck Rtg#, Remarks/Approvals/Authorizations.
Row 1: SANDSTON, ALBANY, Non-Radioactive, Passenger Aircraft, XXXXXXXX, XXXXXXXXXXXXX, X, EX9704309

I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, AND LABELLED AND ARE IN ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENTAL REGULATIONS. FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT.

Table with columns: Tracking #, 24-hr. Emergency Telephone #.
Row 1: 404783375752, 18004249300

Table with columns: Shipper's Name and Address, Place/Date, Recipient's Name and Address.
Row 1: ED RICHARDS, MAZDA N. AMERICAN OPERATIONS, 5700 AUDUBON DR, SANDSTON VA 23150 US, 07/25/02, JEFF SUNSHINE MAZDA, 707 WEST BROAD AVENUE, ALBANY GA 31701

Signature [Handwritten Signature] Title SUPERVISOR

M-0390C 6/00 141751 SRC Typewritten Signature Acceptable

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NO. 924 P. 3/10

MNRO LOGISTICS DEPT

1:18PM

JUL. 26. 2002

P/N 104105

MATERIAL SAFETY DATA SHEET
AUTOLIV

1. CHEMICAL PRODUCT AND CHEMICAL IDENTIFICATION

PRODUCT NAME.....AIRBAG INFLATOR (DL-Z113)
COMMON CHEMICAL NAME..... See ingredients list in section 2
SYNONYMS/PROGRAM.....API-1,2, MTG-3,4,5,6, MDA-1,2, MDG-2,4, MTR-1,2,
MPG-2, MPA-3, Gen II driver and passenger, Gen IV driver
PRODUCT CODE.....MSDS No. 0083
SUPPLIER.....AUTOLIV
Attn: HazCom Coordinator, M/S M9630
3350 Airport Rd.
Ogden, UT 84405 USA
AUTOLIV (24 Hour).....(435) 734-6835
CHEMTREC USA (Emergency).....(800) 424-9300

*Note - This inflator is a manufactured article.

2. TYPICAL COMPOSITION

INGREDIENTS	%	CAS No. †	OSHA-PEL ×	ACGIH-TLV †
Metallic container	75-84%	NA*	NA	NA
DL-Z113 gas generant	16-25%	NA	NA	NA

- † Chemical Abstracts Service Number
- × Occupational Safety and Health Administration - Permissible Exposure Limit
- † American Conference of Governmental Industrial Hygienists - Threshold Limit Value
- * Not applicable due to form

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

The tamper resistant, sealed metal container poses no health hazard. If the container is damaged prior to firing, a potential for exposure to gas generant exists. Effects of overexposure to the gas generant containing sodium azide (i.e., inhalation of dust, or direct dermal or oral contact with gas generant tablets or wafers) is likely if the sealed container is ruptured prior to firing.

NOTE: If the inflator is ruptured and gas generant is present, see Autoliv MSDS # 0001, Airbag Inflator Generant (DL-Z113) for applicable information.

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Autoliv ASP, Inc.
3350 Airport Road
Ogden, Utah 84405

Phone: (801) 625-6800
Fax: (801) 625-4911



POTENTIAL HEALTH EFFECTS

ROUTE(S) OF ENTRYNone expected, when used as intended

HUMAN HEALTH EFFECTS AND SYMPTOMS OF OVEREXPOSURE

INHALATION.....Effluent gases from multiple deployment testing situations may cause skin, eye or mucous membrane irritation. Otherwise, none expected when installed as intended.
 SKIN CONTACTNone expected when installed as intended.
 EYES.....None expected when installed as intended.
 INGESTIONNone expected when installed as intended.
 CARCINOGENICITY.....None expected when installed as intended.
 MEDICAL CONDITIONS AGGRAVATED BY EXPOSURENone expected when installed as intended.

4. FIRST AID MEASURES

INHALATION.....None expected when installed as intended.
 EYES.....None expected when installed as intended.
 SKINNone expected when installed as intended.
 INGESTIONNone expected when installed as intended.

5. FIRE FIGHTING MEASURES

FLASH POINTNot applicable
 AUTO IGNITION TEMP.....Greater than 300°F (149°C)
 EXPLOSION LIMITSNot applicable
 EXPLOSION HAZARDNot applicable
 EXTINGUISHING MEDIAWater, dry chemical, or carbon dioxide
 SPECIAL FIRE FIGHTING PROCEDURES.....This device will be activated by extended exposures to temperatures above 300°F (149°C) and when activated, produces nitrogen and small amounts of carbon dioxide, carbon monoxide and nitric oxide. Hydrogen sulfide, sodium sulfide, hydrogen gas and very small quantities of hydrazoic acid may evolve from damaged or ruptured units after fire is out. Use normal fire-fighting techniques to contain fire.

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES.....When handled properly, no spills or leaks should occur. If a spill or leak occurs, contain the material, wet with water, and clean up with non-sparking tools. Avoid spark, static electricity, and open flame. Avoid raising dust and ventilate area. Wash spill site with water after material pick-up is complete.

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7. HANDLING AND STORAGE

STORAGE TEMPERATURE Ambient (less than 176°F [80°C])
 SHELF LIFE 10 years

HANDLING AND STORAGE

PRECAUTIONS Inspect unit for damage following shipment and prior to installation. Do not immerse damaged inflator in water. Immersed generant material may form hydrazoic acid. Store damaged or defective units in dry place in accordance with Federal, State, and local regulations. Use good grounding techniques and latex or equivalent gloves when handling this material. Store away from high temperatures, open flame, and static electricity sources. Recycling this and other inflators may be accomplished through AUTOLIV. For information, call or write to the address on page 1.

POST-DEPLOYMENT

HANDLING GUIDELINES After deployment, the surface of pyrotechnic inflators may have trace amounts of sodium sulfide or sodium oxide present, which are primary by-products of the inflator combustion. It is irritating to skin, eyes, and mucous membranes. Latex or equivalent gloves recommended if handling fired inflators, especially when repeatedly handling units. Wash hands after handling inflator and module components.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EFFLUENT GASES Effluent gases from multiple deployment testing situations may cause skin, eye or mucous membrane irritation. Use approved engineering controls to minimize exposure to effluent gases. Use approved personal protective equipment as a short-term control until engineering controls are adequate.

EYE PROTECTION Safety goggles.

SKIN PROTECTION Latex or equivalent gloves

RESPIRATORY/VENTILATION

REQUIREMENTS NIOSH approved respirator

EXPOSURE LIMITS Refer to section 2

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM Sealed metallic canister

COLOR Gray/black

ODOR None

BOILING POINT Not applicable

MELT POINT/FREEZE POINT Not applicable

PH Not applicable

000047

SOLUBILITY IN WATER.....For chemicals within unit: 40%
 SPECIFIC GRAVITY.....Not applicable
 % VOLATILE BY WEIGHTNot applicable
 VAPOR PRESSURENot applicable
 VAPOR DENSITYNot applicable
 BULK DENSITYNot applicable
 COEFFICIENT OF WATER/
 OIL DISTRIBUTIONNot applicable
 EVAPORATION RATENot applicable

10. STABILITY AND REACTIVITY

STABILITY Sealed unit is stable when used as designed
 HAZARDOUS
 POLYMERIZATIONNone
 INCOMPATIBILITIESA ruptured unit contains chemicals incompatible with organic and inorganic acids, heavy metals, metal salts and halogens. Acidified sodium azide solutions will release hydrazoic acid. Hydrazoic acid will react with heavy metals, including copper, lead, mercury and silver forming sensitive primary explosives.
 DECOMPOSITION PRODUCTSNitrogen, sodium sulfide, molybdenum nitride, and small amounts of oxides of carbon and nitrogen.
 CONDITIONS TO AVOIDSparks, static electricity, open flame, and temperatures greater than 338°F (170°C).

11. TOXICOLOGICAL INFORMATION

INHALATION.....Not applicable
 INGESTIONNot applicable
 SKIN & EYE IRRITATIONNot applicable
 MUTAGENICITY.....Not applicable

12. ECOLOGICAL INFORMATION

Not an ecological hazard in manufactured form. Recycle metals once the inflator has served its purpose.

13. DISPOSAL CONSIDERATIONS

Contents of this inflator have minimal toxic properties. If inflator is not defective, remote firing is recommended prior to disposal procedures. Dispose of or reclaim in accordance with Federal, State and local regulations. Damaged, unfired inflators should be referred to a manufacturer for disposal. Autoliv will accept their inflators back for recycling purposes. Contact Autoliv for further information.

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14. TRANSPORTATION INFORMATION

D.O.T./DOMESTIC

D.O.T. PROPER SHIPPING NAME Airbag Inflator
 D.O.T. HAZARD CLASSIFICATION..... 9
 U.N./N.A. NUMBER..... UN3268

U.N./INTERNATIONAL

U.N. PROPER SHIPPING NAME Airbag Inflator, pyrotechnic
 U.N. HAZARD CLASSIFICATION..... 9
 U.N./N.A. NUMBER..... UN3268

Note - Deployed inflators are considered non-regulated.

15. REGULATORY INFORMATION

I. TSCA STATUS

All components comply with TSCA requirements.

II. SARA INFORMATION

- a. Hazardous Substance Reportable Quantities,
 40 CFR 302.4 Not applicable
- b. Extremely Hazardous Substances Reportable Quantities,
 40 CFR 355 Appendix A..... Not applicable
- c. Threshold Planning Quantities for Extremely Hazardous
 Substances, 40 CFR 355 Appendix A..... Not applicable
- d. Toxic Chemicals, SARA Sec. 313..... To the best of our knowledge SARA reporting is not
 applicable due to the article status of this product,
 however, if this product is dismantled reporting may
 be necessary. Please refer to Autoliv MSDS #0001,
 Airbag Inflator Generant (DL-Z113) for applicable
 reporting information.
- e. Chemical Category as required by
 SARA Sec.313, 40 CFR 372.65..... Not applicable
- f. Hazard Category for SARA
 Sec. 311/312 Reporting Not applicable

III. RCRA INFORMATION

To the best of our knowledge there are no RCRA regulations that apply to this article. However,
 all Federal, State, and local regulations should be reviewed prior to disposal.

000049

16. OTHER INFORMATION

The environmental, health and safety information contained herein is given in compliance with statutory obligations and relates only to the substance/preparation described in this material safety data sheet. This material safety data sheet is provided for information only, and is not intended to create or imply any representation, agreement, or warranty, whether express or implied, except to the extent required by applicable law. The environmental, health and safety information contained herein is believed to be accurate based on our current knowledge; however, it remains the sole responsibility of the customer to provide a safe workplace and to comply with all applicable laws and regulations. Nothing contained herein is to be construed as a recommendation for use in violation of any patent or of applicable laws or regulations.

HMIS by NPCA Criterion

In present form the following ratings apply:

Health 0
 Flammability 0
 Reactivity 1
 PPE X

HISTORY

REASON FOR ISSUE Revision of MSDS #0083
 APPROVED BY Effluent and Disposal Committee
 APPROVAL DATE April 20, 1998
 SUPERSEDES DATE August 29, 1997
 SUPERSEDES NUMBER 2

000050

UN no. / Drum & Passenger
Airbag
55M/66T - Def. Airbag
DOT



U.S. Department
of Transportation

Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Frank S. Fullmer on behalf of Morton International, Inc., 3350 Airport Road, Ogden, Utah, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER: Airbag inflators, UN3268

U.N. CLASSIFICATION CODE: 9

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9304309	Passive Restraint Inflator/Module (UT10100)
EX-9304310	Passive Restraint Inflator Module (UT10731) (UT10939-01)

--- The following is provided to facilitate transition to the UN system ---

Classification under Sections 173.86 or 173.114a (49 CFR):

DOT DESCRIPTION/COMMERCIAL NAME: Not applicable

DOT HAZARD CLASSIFICATION: Not applicable

Approved by:

[Redacted]
Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

FEB 16 1995

(DATE)

000051

#8

#8
For MSDS, see
#2. Same product
Same shipper
370000

07/26/2002 10:46 7709031493

FedEx

SHIPPING PAPER AND NOTIFICATION FOR LOADING OF DANGEROUS GOODS (PART U)

4 Aircraft / Truck Copy	
<input type="checkbox"/>	Dangerous When Wet Placard
Truck Placard Box Weight	
Class	lbs

Express	Pg	of	Pgs	Proper Shipping Name	Class	UN#	Pkg. Group	Sub Risks	Quantity & Type of Packing	Pkg Instr
	1		1	1,1,1,2-Tetrafluoroethane	2.2	UN3159			1 FIBERBOARD BOX K 13.61 kg	200

Origin	Dest	Shipper's Type (Delete Non-Applicable)	This Shipment is Within The Limitations Prescribed For: (Delete Non-Applicable)	ULD/Comp# Bulk Truck File#	Remarks/Approvals/Authorizations
NORCRO	PANAMA	PPMA Non-Radioactive	XXXXXXXX Passenger Aircraft	XXXXXXXXXX	

FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT. I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, LABELLED AND ARE ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENTAL REGULATIONS.	Tracking #	24 hr. Emergency Telephone #
	601715403900	8004249300

Shipper's Name and Address	Place/Date	Recipient's Name and Address
SHIPPING EXT 105 JOHNSON INDUSTRIES 5944 PEACHTREE CORNERS EAST	ATLANTA, GA 07/25/2002	PARTS PANAMA CITY TOYOTA 959 WEST 15TH ST.
NORCROSS GA 30071 US Signature <u>paul p. mendez</u>	Title <u>BOX CLERK</u>	PANAMA CITY FL 32401 US

FEDEX MGEA

PAGE 04

Typewritten Signature Acceptable

FedEx
Express
Pg 1 of 1 Pgs

SHIPPING PAPER AND NOTIFICATION FOR LOADING OF DANGEROUS GOODS (PART U)

4 Aircraft / Truck Copy
 Dangerous When Wet Placed
Truck Placed Box Weight
Class / lbs

Proper Shipping Name	Class	UN#	Pkg. Group	Sub Risks	Quantity & Type of Packing	Pkg Instr
Fire extinguishers	2.2	UN1044			1 FIBERBOARD BOX X 6.10 kg	200

Origin	Dest	Shipment Type (Delete Non-Applicable)	This Shipment is Within The Limitations Prescribed For: (Delete Non-Applicable)	ULD/Comp# Bulk Truck Ref	Remarks/Approvals/Authorizations
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NORCRO tallaha

3M TLHA Non-Radioactive Radioactive Passenger Aircraft

FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT. I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, LABELLED AND ARE ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENTAL REGULATIONS.

Tracking #	24 hr. Emergency Telephone #
601715403818	8004249300

Shipper's Name and Address	Place/Date	Recipient's Name and Address
----------------------------	------------	------------------------------

SHIPPING EXT 105
JOHNSON INDUSTRIES
5944 PEACHTREE CORNERS EAST

ATLANTA, GA
07/25/2002

vehicle maintenance
fed ex/tlh
3401 commonwealth blvd

NORCROSS GA 30071 US

tallahassee FL 32303 US

Signature paul p. mandzef Title BOX CLERK

000054

2 000055

6787 699 616

NOV 10 1999 11:51 AM 66-01-AOR



Kidde Safety

ABC Material Safety Data Sheet

Date Of	H.M.L.S. Ratings	Type Hazard	Rating
Preparation : <u>06-29-98</u>	Minimal <u>0</u>	Health	1
Supersedes : <u>06-01-98</u>	Slight <u>1</u>	Flammability	0
Prepared By : <u>M.D. Brown</u>	Moderate <u>2</u>	Reactivity	0
	Serious <u>3</u>		
	Severe <u>4</u>		

I. Product Identification - Kidde ABC Dry Chemical Extinguisher CAS Number: NA

Fire Extinguisher : Kidde Safety Product Name:
 Manufacture 1394 South Third Street ABC Extinguisher
 Mebane, N.C. 29302

Powder : *INDUSTRIAL DE FOSFATOS, S.A. DE C.V.* ABC Dry Chem. Powder
 Manufacture *AV. DIVISION DEL GOLFO 3308 NORTE* Fire Extinguishing Agent
87620 CD. VICTORIA, TAMAULIPAS
MEXICO Emergency Telephone Number:
 (131) 6-1690; Fax: (131) 3-0301 CHEMTREC 1-800-424-9300

II. Ingredients

Compound, CAS Number	Weight % Approx.	Exposure Limits		Hazard
		OSHA PEL	ACGIH TLV	
Monoammonium Phosphate, 7722-76-1	55 - 90	None	None	None
Ammonium Sulfate, 7783-20-2	2 - 37	None	None	None
Mica, 12001-26-2	1 - 3	20 mppcf	.3 mg/ cm3	-
Attapulugus Clay, 8031-18-3	1 - 3	None	None	None
Amorphous Silica, 7631-86-9	0.5 - 2.5	-	10 mg/ cm3	None
Methylhydrogenpolysiloxane, 68037-59-2	0.3 - 1.0	None	None	None

Notes: TLV reported as 8-hour Time-Weighted average for respirable dust (nuisance dust)

III. Physical /Chemical Characteristics

Boiling Point, deg. C: NA Relative Density: NA Viscosity @ 20 deg. C: NA
@20/4 deg. C
 Vapor Pressure, mm Hg @ 20 deg. C: NA Evaporation Rate (Butyl Acetate = 1) NA Melting Point, deg. C: NA
Decomposes
 Vapor Density (Air = 1): NA
 Appearance and Odor: Odorless Fine Yellow Powder Solubility in Water: Insoluble

000055



ABC Material Safety Data Sheet

IV. Fire And Explosion Hazard Data

Flash Point: NA

Autolgnition Temperature: NA

Flammable limits in air: The product is nonflammable

Extinguishing Media: Not Applicable

Special Fire Fighting Procedures: The material is not combustible and will not burn.

However, use standard chemical fire fighting procedures and treat cylinder as a Nonflammable

Compressed Gas Cylinder with the hazards of other involved materials. For fires in enclosed areas Fire

Fighters must use self-contained breathing apparatus. Prevent runoff from fire control or dilution from

entering streams or drinking water supply.

Unusual Fire and Explosion Hazards: Pressurized Nonflammable Compressed Gas Cylinder.

V. Reactivity Data

Stability:		Stable	X	Conditions to avoid: Extreme Heat
Unstable				

Incompatibility (Materials to avoid) : Acidic and Ammonium Compounds

Hazardous Decomposition or Byproducts : Reaction with Acids releases Carbon Dioxide

Gas and with Ammonium Compounds releases Ammonia Gas

Hazardous Polymerization : May Occur	Will Not Occur	X
--------------------------------------	----------------	---

Conditions to avoid: NOT APPLICABLE

VI. Health Hazards

Routes of Entry:	Inhalation:	Yes	Skin/Eyes:	Yes	Ingestion:	No
------------------	-------------	-----	------------	-----	------------	----

Health Hazard (Acute and Chronic)

Breathing dust may irritate the nose and throat and cause coughing and chest discomfort. Dust may

irritate the eyes. Prolonged contact can produce slight to severe skin irritation.

Carcinogenicity:	NPT:	No	IARC:	No	OSHA:	No
------------------	------	----	-------	----	-------	----

This material is not considered to be a Carcinogen

Medical conditions generally aggravated by exposure:

Respiratory Disease including Asthma and Emphysema.

Skin sensitivity

Emergency and First Aid Procedures:

Eye Contact: Flush thoroughly with water for at least 15 minutes. Get medical assistance;

Skin Contact: Wash contact area with soap and water;

Inhalation: Remove from further exposure. If unconsciousness occurs, seek immediate medical

assistance and call a Physician. If breathing has stopped, use mouth to mouth resuscitation;

Ingestion: Not expected to be a problem however, if greater than half liter (One Pint) ingested,

immediately give 1 to 2 glasses of water and call Physician, Hospital Emergency Room or Poison Control

Center for assistance. Do not induce vomiting or give anything by mouth to an unconscious person;

Notes to Physician: Symptomatic treatment only.

000056



ABC Material Safety Data Sheet

VII. Precautions For Safe Handling And Use

Steps to be taken in case Material is released or spilled:

Wear protective equipment including rubber boots rubber gloves, rubber apron and full-face piece or a half mask Air - Purifying Cartridge Respirator with particulate filters. Wear chemical goggles if a Half Mask is worn. **Caution:** When handling Fire Extinguisher which has accidentally discharged show care when handling and point extinguisher discharge nozzle away from the face area. For small spills sweep up and dispose of in a DOT- Approved Waste Container. For large spills Shovel into DOT - Approved Waste Containers. Keep out of sewers, storm drains surface waters and soil. Comply with all applicable Government Regulations on spill reporting handling and disposal of waste.

Waste Disposal Method:

Dispose of Contaminated product and materials used in clean-up of spills or leaks in a manner approved for this material. Consult appropriate Federal State, and Local Regulatory Agencies to ascertain proper disposal procedures. **Note:** Empty Containers can have residues, gases, and mist and are subject to proper waste disposal, as above.

Precautions To Be Taken Handling and Storing:

Store in a cool, dry, well -ventilated place away from acidic and ammonium compounds. Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Do not cut, grind, weld, or drill on or near product containers. Containers, even those that have been emptied, will retain residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

Other Precautions:

Report spills as required to appropriate authorities. U.S. Coast Guard Regulations require immediate reporting of spills that could reach any Waterway including intermittent dry creeks. Report spills to Coast Guard telephone number (800) 424 - 8802. In case of accident or road spill notify Chemtrec telephone number (800) 424-9300.

VIII. Control Measures

Respiratory Protection:

Use dust respirator approved by NIOSH/MSHA schedule TC-84A for dusty conditions or if dust levels exceed established standards. No special requirements under ordinary conditions of use and with adequate ventilation.

Ventilation: Use in a well ventilated area.

Protective Equipment: Chemical type goggles, or Safety Glasses should be worn.

Work/Hygiene Practices: No special equipment required. However, good personal hygiene practices should always be followed.

000057



ABC Material Safety Data Sheet

IX. Regulatory Information

DOT Shipping Name: Fire Extinguishers
DOT Hazard Class: 2.2 (Nonflammable Compressed Gas)
DOT I.D. Number: UN1044
Packing Group: N/A

U.S. OSHA Hazard Communication Standard: Product assessed in accordance with OSHA 20 CFR 1910.1200 and is determined hazardous due to cylinder being a pressurized vessel.

RCRA Information: The unused product in our opinion is not specifically listed by the EPA as hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity, and is not formulated with contaminants as determined by the toxicity characteristics leaching procedure (TCLP) however, used product may be regulated.

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:
This product contains no "Extremely Hazardous Substances"
SARA (311/312, formerly 302) Reportable Hazard Categories: None
SARA (313) Toxic Release Program: No reportable chemicals.

Fire Extinguisher Data Prepared by:
M.D. Brown, Dir. Environmental Engineering
Walter Kidde Portable Equipment Company
1394 South Third Street
Mebane N.C. 27302
(919) 563-5911 Ext. 221
Fax: (919) 563-4582

Powder Product Data Supplied From MSDS by:
Quality Assurance Subdivision
Av. Divison del Golfo 3308
87019 Cd. Victoria, Tramps, Mexico
(133) 6-03-02; 3-03-03; 3-03-04
Fax: (131) 3-03-01

This product data is offered in good faith as typical and not as a product specification. The information contained herein is based on available data and is believed to be true and accurate. No warranty, expressed or implied, regarding the accuracy of this data, hazards connected with the use of the material, or the results to be obtained from the use thereof, are made. *Walter Kidde Portable Equipment Company* nor *Industrial De Fosfatos, S. A. DE C.V.* assumes no responsibility for damage or injury from the use of the product described herein.

10

JUL 29 2002 2:33PM K&R TRANSPORTATION
SHIPPER'S DECLARATION FOR DANGEROUS GOODS

APR 7 2001 1 NO. 365 P. 1/1
901-434-9769

Shipper ABBOTT LABORATORIES INC. DIAGNOSTIC DIVISION NORTH CHICAGO, IL 60064 TELEPHONE (847) 937-1196	Air Waybill No.	750082250768
	Page of Pages Shippers Reference Number <small>(optional)</small>	DL703212295N4001

consignee SOUTHEAST ALA MEDCL CTR 1108 ROSS CLARK CIR DOTHAN AL 36301	
--	--

Two completed and signed copies of this Declaration must be included to the operator.

WARNING

Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties. This Declaration must not, in any circumstances, be completed and/or signed by a consolidator, a forwarder or an IATA cargo agent.

TRANSPORT DETAILS

This shipment is within the conditions prescribed for: <small>(delete non-applicable)</small> <input type="checkbox"/> PASSENGER AND CARGO AIRCRAFT <input checked="" type="checkbox"/> CARGO AIRCRAFT ONLY	Airport of Departure CHICAGO
Airport of Destination: XXXXXXXX XXXXXXXX	Shipment type: <small>(delete non-applicable)</small> <input checked="" type="checkbox"/> NON-RADIOACTIVE <input type="checkbox"/> RADIOACTIVE

NATURE AND QUANTITY OF DANGEROUS GOODS (see sub-Section 6.6 and 8.1 of IATA Dangerous Goods Regulations)

Dangerous Goods Identification							
Proper Shipping Name	Class or Division	UN or ID No.	Packing Group	Subsidiary Risk	Quantity and type of packing	Packing Inst.	Authorization
CHEMICAL KIT	9	UN3316 III			1 FIBERBOARD BOX EACH CONTAINING 110.00 ML	915	

Additional Handling Information

EMERGENCY CONTACT CHEMTREC 1-800-424-9300
 PRIOR ARRANGEMENTS AS REQUIRED HAVE BEEN MADE.
 THIS SHIPMENT IS BEING MADE UNDER THE PROVISIONS OF ICAD.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Name/Title of Signatory	FRANCIS CARLSON/SITE COORD.
Place and Date	07/29/02
Signature	<i>[Signature]</i>
<small>(see warning above)</small>	000053

ATTN: BOB [unclear] NO. 937 P. 1/1
 # 11

Operator ABBOTT LABORATORIES INC. DIAGNOSTIC DIVISION NORTH CHICAGO, IL 60064 TELEPHONE (847) 937-1196 (847) 937-7970 F.M.	Air Waybill No. 750882240299 Page of Pages Shipper's Reference Number (optional) DL70S205965N4001
---	---

consignee
 SOUTHEAST ALA MEDICAL CTR
 1108 ROSS CLARK CIR
 DOTHAN AL 36301

To be completed and signed copies of this Declaration must be provided to the operator.

WARNING

Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties. This Declaration must not, in any circumstances, be completed and/or signed by a consolidator, a forwarder or an IATA cargo agent.

Shipment type: (delete non-applicable)
 NON-RADIOACTIVE RADIOACTIVE

TRANSPORT DETAILS

Is shipment within the limitations prescribed for: (delete non-applicable)

PASSENGER AND CARGO AIRCRAFT ONLY <input type="checkbox"/> PASSENGER AND CARGO AIRCRAFT ONLY <input checked="" type="checkbox"/> CARGO AIRCRAFT ONLY	Airport of Departure CHICAGO
--	---------------------------------

Port of Destination: XXXXXXXX

NATURE AND QUANTITY OF DANGEROUS GOODS (see sub-Section 6.6 and 8.1 of IATA Dangerous Goods Regulations)

Dangerous Goods Identification					Quantity and type of packing	Packing Inst.	Authorization
Proper Shipping Name	Class or Division	UN or ID No.	Packing Group	Subsidiary Risk			
CHEMICAL KIT	9	UN3316	III		1 FIBERBOARD BOX EACH CONTAINING 220.00 ML	915	

Additional Handling Information

EMERGENCY CONTACT CHEMTREC 1-800-424-9300
 PRIOR ARRANGEMENTS AS REQUIRED HAVE BEEN MADE.
 THIS SHIPMENT IS BEING MADE UNDER THE PROVISIONS OF ICAO.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.	Name/Title of Signatory Place and Date CARLSON/SITE COORD. Signature 8/26/02 (see warning above) 000060
---	--



SHIPPING PAPER AND NOTIFICATION FOR LOADING
OF DANGEROUS GOODS (PART U)

2

FedEx Reg Copy Retain 1 Year

Yellow III Placard

Dangerous When Wet Placard

Truck Placard Box Weight

Class / lbs

Proper Shipping Name	Class	UN#	Pkg. Group	Sub Risks	Quantity & Type of Packing	Pkg Instr
Life-saving appliances, self-inflating MISCELLANEOUS LABEL	9	UN2990			1 FIREBOARD BOX X 26.78 kg	905

Origin	Dest	Shipment Type (Delete Non-Applicable)	This Shipment is Within The Limitations Prescribed For: (Delete Non-Applicable)	ULD/Comp# Bulk Truck Rt#	Remarks/Approvals/Authorizations
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MIAMI ANDREWS

KS GBOA Non-Radioactive ~~HAZARDOUS~~ Passenger Aircraft ~~HAZARDOUS~~

FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT. I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, LABELLED AND ARE ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENTAL REGULATIONS.

Tracking #	24 hr. Emergency Telephone #
613427760877	8002553924

Shipper's Name and Address	Place/Date	Recipient's Name and Address
SHIPPING DEPT EASTERN AERO MARINE 5502 NW 37TH AVE	MIAMI, FL. 07/23/2002	USAPAT/ANAV DYNCORP TECHNICAL SERVICES' BLDG. 1778 STOP 156
MIAMI FL 33142 US Signature <u>MAYDA TORRES</u>	FL 33142 US Title <u>BILLING CLERK</u>	ANDREWS AFB, MD 20762 US

000061

FedEx Federal Express Pg 1 of 1 Pgs

SHIPPING PAPER AND NOTIFICATION FOR LOADING OF DANGEROUS GOODS RADIOACTIVE MATERIALS (PART CR)

Shipper's Copy Remove at Origin



Yellow III Check Box for Placarding

PRESS HARD - 10 PART FORM - USE BALL POINT PEN ONLY

Shipping form for Radioactive material, Type A package. Includes fields for Proper Shipping Name, Class, UN#, Pkg Group, Sub Risk, Quantity & Type of Packing, Pkg Instr, Radioisotope, Phys & Chemical Form, Activity, Label Category, TI, Box Dimension, Tracking #, ULD / Comp #, Origin, Dest, Shipment Type, and Shipper/Recipient information.

M-0390CR 2/01

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#13

FedEx Federal Express Pg 1 of 1 Pgs

SHIPPING PAPER AND NOTIFICATION FOR LOADING OF DANGEROUS GOODS RADIOACTIVE MATERIALS (PART CR)

Shipper's Copy Remove at Origin



Yellow III Check Box for Placarding

PRESS HARD - 10 PART FORM - USE BALL POINT PEN ONLY

Shipping form for Radioactive material, Type A package. Includes fields for Proper Shipping Name, Class, UN#, Pkg Group, Sub Risk, Quantity & Type of Packing, Pkg Instr, Radioisotope, Phys & Chemical Form, Activity, Label Category, TI, Box Dimension, Tracking #, ULD / Comp #, Origin, Dest, Shipment Type, and Shipper/Recipient information.

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000062

#15

FedEx
Express
Pg 1 of 1 Pgs

**SHIPPING PAPER AND NOTIFICATION FOR LOADING
OF DANGEROUS GOODS (PART U)**

Shipper Regulatory Copy Retain 1 Year	
<input type="checkbox"/>	Yellow III Placard
<input type="checkbox"/>	Dangerous When Wet Placard
Truck Placard Box Weight	
Class	lbs

1

Proper Shipping Name	Class	UN#	Pkg. Group	Sub Risks	Quantity & Type of Packing	Pkg Instr
Radioactive material, Type A package RQ PHOSPHORUS 32	7	UN2915			P-32 Solid SALT 1 Type A packages X 7.19000 GBq each XX T10.0 Dimensions 25 X 46 X 63 cm each.	

Origin	Dest	Shipment Type (Delete Non-Applicable)	This Shipment is Within The Limitations Prescribed For: (Delete Non-Applicable)	ULD/Comp# Bulk Truck Rt#	Remarks/Approvals/Authorizations
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PEARLA TALLAHA

SB TLHA ~~KONNORVILLE~~ Radioactive Passenger Aircraft ~~CORVALLIS~~

FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT. I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, LABELLED AND ARE ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENTAL REGULATIONS.	Tracking #	24 hr. Emergency Telephone #
	609669512022	8004249300

Shipper's Name and Address	Place/Date	Recipient's Name and Address
----------------------------	------------	------------------------------

SHIPPING /713-218-4000 GUIDANT VI - PEARLAND 1122 N MAIN ST	PEARLAND 07/25/2002	JERRY DOMICO TALLAHASSEE COMMUNITY HOSPITAL 2626 CAPITAL MEDICAL BLVD. DELIVER TO NUCLEAR MEDICINE TALLAHASSEE FL 32308 US
PEARLAND TX 77581 US Signature <u>BECKY WITT</u>	Title <u>DISTRIBUTION CLERK</u>	

000063

**SHIPPING PAPER AND NOTIFICATION FOR LOADING
OF DANGEROUS GOODS RADIOACTIVE MATERIALS (PART CR)**
PRESS HARD - 10 PART FORM - USE BALL POINT PEN ONLY



5 File Copy
Retain 90 Days

Yellow III Check Box for Placarding

Proper Shipping Name		Class	UN#	Pkg. Group	Sub Risk	Quantity & Type of Packing	Pkg Instr
P-32 Aquous		7	UN-2915			1 Type A Package	
59.2 mBq							
Radioactive (Product Code)		Phys & Chemical Form	Activity	Label Category	TI	Box Dimension (If Applicable)	Tracking #
Origin		Dest	Shipment Type (Delete Non-Applicable)		This Shipment is Within The Limitations Prescribed For: (Delete Non-Applicable)		Remarks/Approvals/Authorizations
			Non-Radioactive Radioactive Passenger Aircraft Cargo Aircraft Only				
FOR RADIOACTIVE MATERIAL SHIPMENTS ACCEPTABLE FOR PASSENGER AIRCRAFT THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR IN CONNECTION WITH RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT. I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNEMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY RECEIPT, SHIPPING NAME AND ARE CLASSIFIED, PACKAGED, MARKED, LABELLED AND ARE IN ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENTAL REGULATIONS.						24 hr. Emergency Telephone #	
Shipper's Name and Address			Place/Date		Recipient's Name and Address		
Signature			Title				

P-32 Aquous Y-II
59.2 mBq
Rim Material Type A
UN-2915
Only Top 1 selected

16

think it's this

#16

FedEx SHIPPING PAPER AND NOTIFICATION FOR LOADING OF DANGEROUS GOODS RADIOACTIVE MATERIALS (PART CR)
 Federal Express Pg 1 of 1 Pgs **3** File Copy Retain 90 Days
Yellow III Check Box for Pkgcard

PRESS HARD - 10 PART FORM - USE BALL POINT PEN ONLY

Proper Shipping Name	Class	UN#	Pkg. Group	Sub Risk	Quantity & Type of Packing	Pkg Instr
<input checked="" type="checkbox"/> Radioactive Material, Type A Package, non-special form, non fissile or fissile excepted	7	UN2915			Type "A" Package	904
<input type="checkbox"/> Radioactive Material, excepted package, limited quantity of material	7	UN2910				
<input checked="" type="checkbox"/> Dry Ice	9	UN1845 III				

Radionuclide (Product Code)	Phys & Chemical Form	Activity	Label Category	TI	Box Dimension (If Applicable)	Tracking #	ULD / Comp # Bulk Truck Pt #
<input checked="" type="checkbox"/> P-32	<input checked="" type="checkbox"/> AQUEOUS		<input type="checkbox"/> WHITE I		<input type="checkbox"/> X X X cm		
<input type="checkbox"/> S-35	<input type="checkbox"/> ORGANIC		<input type="checkbox"/> YELLOW II		<input checked="" type="checkbox"/> 23 X 23 X 25 cm		
<input type="checkbox"/> H-3	<input checked="" type="checkbox"/> LIQUID	59.2 MBq	<input checked="" type="checkbox"/> YELLOW III	0-1	<input type="checkbox"/> 29 X 18 X 11 cm		
<input type="checkbox"/> I-125	<input type="checkbox"/> SOLID				<input type="checkbox"/> 31 X 22 X 22 cm		

Origin: **NEJ** Dest: **YBT LHA** Shipment Type: **Radioactive** This Shipment is Within The Limitations Prescribed For: **Passenger Aircraft** Remarks/Approvals/Authorizations: **"Only indicated items shipped"**

Signature: **Fred Johnson** Title: **Distribution/Traffic** ICAQ/IATA 49 CFR

24 hr. Emergency Telephone #: **CHEMTREC: 1(800) 424-9300**

2 different

FedEx SHIPPING PAPER AND NOTIFICATION FOR LOADING OF DANGEROUS GOODS RADIOACTIVE MATERIALS (PART CR)
 Federal Express Pg 1 of 1 Pgs **3** File Copy Retain 90 Days
Yellow III Check Box for Pkgcard

PRESS HARD - 10 PART FORM - USE BALL POINT PEN ONLY

Proper Shipping Name	Class	UN#	Pkg. Group	Sub Risk	Quantity & Type of Packing	Pkg Instr
<input checked="" type="checkbox"/> Radioactive Material, Type A Package, non-special form, non fissile or fissile excepted	7	UN2915			Type "A" Package	904
<input type="checkbox"/> Radioactive Material, excepted package, limited quantity of material	7	UN2910				
<input checked="" type="checkbox"/> Dry Ice	9	UN1845 III				

Radionuclide (Product Code)	Phys & Chemical Form	Activity	Label Category	TI	Box Dimension (If Applicable)	Tracking #	ULD / Comp # Bulk Truck Pt #
<input checked="" type="checkbox"/> P-32	<input checked="" type="checkbox"/> AQUEOUS		<input type="checkbox"/> WHITE I		<input type="checkbox"/> X X X cm		
<input type="checkbox"/> S-35	<input type="checkbox"/> ORGANIC		<input type="checkbox"/> YELLOW II		<input checked="" type="checkbox"/> 23 X 23 X 25 cm		
<input type="checkbox"/> H-3	<input checked="" type="checkbox"/> LIQUID	285 MBq	<input checked="" type="checkbox"/> YELLOW III	0-1	<input type="checkbox"/> 29 X 18 X 11 cm		
<input type="checkbox"/> I-125	<input type="checkbox"/> SOLID				<input type="checkbox"/> 31 X 22 X 22 cm		

Origin: **NEJ** Dest: **XCCPKA** Shipment Type: **Radioactive** This Shipment is Within The Limitations Prescribed For: **Passenger Aircraft** Remarks/Approvals/Authorizations: **"Only indicated items shipped"**

Signature: **Fred Johnson** Title: **Distribution/Traffic** ICAQ/IATA 49 CFR

24 hr. Emergency Telephone #: **CHEMTREC: 1(800) 424-9300**

not to 10/25/02

000065

17

FedEx
Express
Pg. 1 of 1 Pgs

**SHIPPING PAPER AND NOTIFICATION FOR LOADING
OF DANGEROUS GOODS (PART U)**

2

FedEx Reg Copy Retain 1 Year
 Yellow III Placard
 Dangerous When Wet Placard
Truck Placard Box Weight
Class / lbs

Proper Shipping Name	Class	UN#	Pkg Group	Sub Risk	Quantity & Type of Packing	Pkg Instr
Seat-belt pretensioners	9	UN3268	III		1 FIBERBOARD BOX X 1.60 kg	917

Origin	Dest	Shipment Type (Delete Non-Applicable)	This Shipment is Within The Limitations Prescribed For: (Delete Non-Applicable)	ULD/Comp Bulk Truck Fit#	Remarks/Approvals/Authorizations
--------	------	--	--	-----------------------------	----------------------------------

FONTAN ALBANY
 AE ABYA Non-Radioactive ~~PASSENGER AIRCRAFT~~ Passenger Aircraft ~~CARGO AIRCRAFT ONLY~~

FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT. I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, LABELLED AND ARE ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENTAL REGULATIONS.

Tracking #	24 hr. Emergency Telephone #
617717538688	8004249300

Shipper's Name and Address	Place/Date	Recipient's Name and Address
FRED MIRANDA MERCEDES-BENZ USA, LLC 14613 BAR HARBOR RD. FONTANA CA 92336 US Signature <u>FRED MIRANDA</u>	FONTANA, CA 07/25/2002	HENTSCHEL MOTORCARS, INC. 805 EAST OGELETHORPE EXPRESSWA 805 EAST OGELETHORPE EXPRESSWA ALBANY GA 31705 US

000066

#18



SHIPPING PAPER AND NOTIFICATION FOR LOADING OF DANGEROUS GOODS (PART U)

FedEx Reg. Copy Retain 1 Year
 Yellow III Placard
 Dangerous When Wet Placard
Total Packed Box Weight lbs
Class lbs

2

Proper Shipping Name	Class	UN#	Pkg. Group	Sub. Rkls	Quantity & Type of Packing	Pkg Inst
Seat-belt pretensioners	9	UN3268	III		1 FIBERBOARD BOX X 1.58 kg	917

Origin	Dest	Shipment Type (Delete Non-Applicable)	This Shipment is Within The Limitations Prescribed For: (Delete Non-Applicable)	ULD/Comp# Bulk Truck Pl#	Remarks/Approvals/Authorizations
--------	------	---------------------------------------	---	--------------------------	----------------------------------

FONTAN ALBANY					EX-9905187
XE AEYA	Non-Radioactive	REGULATORY	Passenger Aircraft	XXXXXXXXXX	

FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT. I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, LABELLED AND ARE ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENTAL REGULATIONS.	Tracking #	24 hr. Emergency Telephone #
	617717538699	8004249300

Shipper's Name and Address	Place/Date	Recipient's Name and Address
FRED MIRANDA MERCEDES-BENZ USA, LLC 14613 BAR HARBOR RD. FONTANA CA 92336 US Signature <u>FRED MIRANDA</u> Title <u>SHIPPING CLERK</u>	FONTANA, CA 07/25/2002	HENTSCHEL MOTORCARS, INC. 805 EAST OGELETHORPE EXPRESSWA 805 EAST OGELETHORPE EXPRESSWA ALBANY GA 31705 US

000067



**BECKMAN
COULTER**

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

#19-

Shipper: **BECKMAN COULTER - SOMERSET**
DSC FIELD SALES
245 DELMONT DR
SOMERSET NJ08875-5764

Air Waybill No. 608224152537
Page 1 of 1 Pages
Shipper's Reference Number (Optional) 4531-6FL91

Consignee: RECEIVING/PO 139987-000
ARCHBOLD JOHN D MEMORIAL HOSP
GORDON & KINGSA AVE
THOMASVILLE GA31792



Two completed and signed copies of this Declaration must be handed to the operator.

TRANSPORT DETAILS

This shipment is within the limitations prescribed for: (delete nonapplicable)

Airport of Departure

PASSENGER AND CARGO AIRCRAFT	<input checked="" type="checkbox"/> PASSENGER <input checked="" type="checkbox"/> CARGO <input checked="" type="checkbox"/> AIRCRAFT
------------------------------	--

WARNING

Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties. This Declaration must not, in any circumstances, be completed and/or signed by a consolidator, a forwarder, or an IATA cargo agent.

Airport of Destination: **XB TLA**

Shipment Type: (delete nonapplicable)

<input type="checkbox"/> NON-RADIOACTIVE	<input checked="" type="checkbox"/> RADIOACTIVE
--	---

NATURE AND QUANTITY OF DANGEROUS GOODS
Proper shipping name, Class or Division, UN Number or Identification Number, Packing Group (if required); and all other required information.

CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (CONTAINS ACETIC ACID), 8, UN3265, III/1 FIBERBOARD BOXES: X 604 L7 818

Additional Handling Information

139987-000 LAST PAGE

IN ACCORDANCE WITH ICAO/IATA

FOR EMERGENCY RESPONSE INFO: CHEMTREC 1-800-424-9300 (INTERNATIONAL (01) 703-527-3887)

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Name/Title of Signatory/Place/Date

DISTRIBUTION SPECIALIST
SOMERSET, NEW JERSEY
07/25/02

Signature (See WARNING Above)

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

(Provide at least two copies to the airline.)

Shipper FRC-DEBOTO INTERNATIONAL, INC ASC-INDIANAPOLIS 6022 CORPORATE WAY INDIANAPOLIS, IN 46278		Air Waybill No. 601875620148 Page 1 of 1 Pages Shipper's Reference Number SO497686/PO#WPG022368 <small>(optional)</small>	
Consignee GENERAL DYNAMICS LAND SYSTEM RECEIVING DEPT 2930 COMMONWEALTH BLVD TALLAHASSEE, FL 32303			
Two completed and signed copies of this Declaration must be handed to the operator		WARNING Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties. This Declaration must not, in any circumstances, be completed and/or signed by a consolidator, a forwarder or an IATA cargo agent.	
TRANSPORT DETAILS This shipment is within the limitations prescribed for: <small>(delete non-applicable)</small>		Airport of Departure Indianapolis International, IN	
<input type="checkbox"/> PASSENGER AND CARGO AIRCRAFT	<input checked="" type="checkbox"/> CARGO <input checked="" type="checkbox"/> AIRCRAFT ONLY	Airport of Destination: Shipment type: <small>(delete non-applicable)</small> <input checked="" type="checkbox"/> NON-RADIOACTIVE RADIOACTIVE	

NATURE AND QUANTITY OF DANGEROUS GOODS

Proper Shipping Name, Class or Division, UN Number or Identification Number, Packing Group (if required), number of packages, and all other required information.

Adhesives, 3, UN1133, II //
1 Fibreboard Box(s) x .46 L //
305 //

Additional Handling Information

24 hr. Emergency Contact Name CHEMTREC

24 hr. Emergency Contact Number 1-800-424-9300

24 hr. Emergency Contact Tel. No.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations.

Name/Title of Signatory
Buyer/Booker/Shipper/ Clerk

Date 07/25/2002

000063

Signature

(see listing above)

[Signature]

Date: 1/26/02

To: Carol Scione

Fax #: 901-434-9169

From: Terri Bandy/HNBA

RE: Ab ⁴ 201875620148

Comments _____

If you have any questions, please feel free to contact me. [REDACTED]

Thanks,


[REDACTED]
Terri Bandy

[REDACTED] 00

000070

SAVE GOTO	LOCATION MASTER INFORMATION	DATE 07/26/2002
ORIGIN	D/O ADJ PKG RDY	DAY FR SVC PO
	LIST RTN	PAGE NEXT
LOC ID ORLA	BUSINESS ID 0001328	LOCAL TIME 1524
ADDR 950 BENNETT RD		LOC NAME ORLANDO
CITY ORLANDO		LOC TYPE ST STATION
ZIP 32803	ST/PV FL CENTRY US	LOC PRIVATE 407 893-7900
AREA EAST		DISP PRIVATE 407 281-8250
BLDG NONE		FAX (DISP) 4076589258
ROOM NONE		FAX (LOC) 4078967769
CROSS - ST		TELEX
CUSTOMER MAY CALL# 800 463-3339	CASH N CUSTOMS N	DGS Y ONLINE Y
XPS 1930	REG 0800-1930	A/P LOC N INB MCO
GRD 1700	ROC 0800-1930	BSO C.P. MCORT
DIRECTIONS:	HAL 0900-1930	CUST SVC FLLRC
FROM DOWNTOWN ORLANDO, GO EAST ON HWY 50 (COLONIAL) 2 LIGHTS		DISP CTR MCOS
PAST FASHION SQUARE MALL ENTRANCE GO LEFT ON BENNETT RD.....		RESP LOC
		DISTRICT MCOWK
		REGIONAL OLVVK
		ADMIN LOC ORLA

COMMENTS: ***HOME DEL AVAIL. FEDEX GROUND CUTOFF 1700
 **NO CASH ACCEPTED AT THIS LOCATION
 SHOW COMPLETE. ES/SO/XS HAL READY TIME: 1200.

HDQCS SA

000072

SAVE GOTO CUSTOMER EXCEPTION REQUEST TODAYS DATE 07/26/2002
 TYPE REQ (A/R/S/U) TRK NO 836076836125 SHIP DATE 07252002 CTRL#
 SVC PO PCS 3 WGT 0000063 SP HAN QUEUE TO PRINT TO
 CALLER: SRO PAYOR ACCT# PRIORITY
 PH# EXT INTL SPK TO
 SHPR: ACCT 254566349 CO KAMAN DAYRON , INC NAME JOHN KOSSLER
 ADDR 6655 E COLONIAL DR CITY ORLANDO ST/PV FL
 ZIP 328075200 CENTRY ORIG ORLA
 PH# EXT INTL TELEX
 RCPT: ACCT 181500000 CO LOCKHEED MARTIN PIKE COUNTY FA NAME BETTY ELDER
 ADDR 5500 COUNTY RD 37 CITY TROY ST/PV AL
 ZIP 36081 CENTRY US DEST DHNA CURR Q
 PH# EXT INTL TELEX
 PRY EXT INTL
 POD: DEL DATE DEL TIME DEL STA DEL LOC
 SIGNATURE EMPL RT
 SVC CHG TYPE: ACR DTH REA CRL RRT STP HTD RTS COS COB
 STATUS CODE: 84-DELAY CAUSED BEYOND OUR CONTROL
 ORL11 0725 2023

1- 2-RETURN 3-DISPATCH 4-POD M/E 5-CONV REQ 6-CUST XREF
 7- 8-PT INQ 9- 10-FORWARD 11-RPAR1 12-BOTTOM
 MULTIPLE STATUS CODES EXIST. NO CUST EXCPT EXISTS FOR TRK NBR. SHOW COMP.
 HDQCS SA

000073

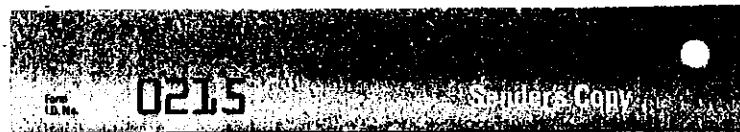
PROD CONTROL MGR
JOHN KOSSLER

000074

FedEx USA Airbill
Express

FedEx Tracking Number

8360 7683 6125



1 From Please print and press hard

Date 7-25-02 Sender's FedEx Account Number 2545-6634-9

Sender's Name JOHN KOSSLER Phone (407) 282-1000

Company KAMAN IAYRON, INC

Address 6655 E COLONIAL DR Dept./Floor/Suite/Room _____

City ORLANDO State FL ZIP 32807

2 Your Internal Billing Reference First 24 characters will appear on invoice. S.O.# 0352

3 To

Recipient's Name BETTY ELDER Phone (334) 807-5305

Company LOCKHIED MARTIN (PIKE COUNTY FACILITY)

Address _____ We cannot deliver in P.O. boxes or P.O. ZIP codes.

Address 5500 COUNTY ROAD # 37 Dept./Floor/Suite/Room _____

City TROY State AL ZIP 36081

Try online shipping at fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.
Questions? Visit our Web site at fedex.com
or call 1.800.Go.FedEx® 800.463.3339.

0222093121

4a Express Package Service Packages up to 150 lbs. Delivery commitments may be later in some areas.

FedEx Priority Overnight Next business morning FedEx Standard Overnight Next business afternoon FedEx First Overnight Earliest next business morning delivery to select locations

FedEx 2Day Second business day FedEx Express Saver Third business day

FedEx Envelope rate not available. Minimum charge: One-pound rate.

4b Express Freight Service Packages over 150 lbs. Delivery commitments may be later in some areas.

FedEx 1Day Freight* Next business day FedEx 2Day Freight Second business day FedEx 3Day Freight Third business day

5 Packaging * Declared value limit \$500

FedEx Envelope* FedEx Pak* Other

Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.

6 Special Handling Includes FedEx address in Section 3

SATURDAY Delivery Available ONLY for FedEx Priority Overnight and FedEx 2Day to select ZIP codes HOLD Weekday at FedEx Location NOT Available for FedEx First Overnight HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

No Yes Is not attached Yes Shipper's Declaration not required Dry Ice Dry Ice, 6 UN 1845

Dangerous Goods including Dry Ice cannot be shipped in FedEx packaging. Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below.

Sender Recipient Third Party Credit Card Cash/Check

FedEx Acct. No. / Credit Card No.	2052-6601-1	Exp. Date	
Total Packages	3	Total Weight	63 LBS \$
		Total Declared Value*	.00

*Our liability is limited to \$100 unless you declare a higher value. See back for details. FedEx Use Only

8 Release Signature Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

447

PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE.

Kaman Dayron, Inc.

SHIP ORDER NO. 0352

SHIPPING ORDER

DAYRON PURCHASE ORDER NUMBER

SHIP TO LOCKHEED MARTIN PIKE COUNTY FACILITY 5500 COUNTY ROAD # 37 TROY, ALABAMA 36081 ATTN: BETTY ELDER A.J. PORROVECCHIO (407) 355-5887	SOLD TO
SHIPMENT AUTHORIZED BY J.P. KOSSLER JR.	DEPT. MATERIAL CONTROL
CUSTOMER PURCHASE ORDER NUMBER JADAS98036 (77MDS9836)	CHARGE TO VENDOR XX
CHARGE TO DAYRON	FREIGHT PPD.
	FREIGHT COLL. XX
	GRN NO.

DATE 7-25-02	ROUTING INSTRUCTIONS FEDERAL EXPRESS PRIORITY OVERNIGHT	MRR NO.	LOT NO.
DATE SHIPPED 7-25-02		NO. BOXES 3	NO. SKIOS

SPECIAL INSTRUCTIONS (IHC) LOG NO.: 02-27 ATTACHED ERGOO GUIDE 114 FOR 1.4 EXPLOSIVES ATTACHED	TOTAL WT. OF SHIPMENT 63 LBS.
	B/L NUMBER 836076836125

QUANTITY	UNIT	STOCK CODE	DESCRIPTION
6	EA	JSM-1450-40	FUZES, DETONATING, 1.4S, UNO367 (FMU-156(T-2)/B, P/N 79600392-010 S/N: 1561450-065 THRU 1561450-070 (CLIN 122) N.E.W. 1.128 MGS.
			FEDERAL EXPRESS PRIORITY OVERNIGHT
			"24-HOUR EMERGENCY RESPONSE TELEPHONE" (407) 282-1000
			This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to applicable regulations of the Department of Transportation.
			Signed _____ Date 7/25/02

000075



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR ARMAMENT CENTER (AFMC)
EGLIN AIR FORCE BASE, FLORIDA

30 Jan 02

MEMORANDUM FOR HQ AFSC/SEWV

FROM: AAC/SES
1001 N 2nd St, Ste 366
Eglin AFB FL 32542-6838

SUBJECT: Interim Hazard Classifications for FMU-156/B
Guided Missile Fuzes, Log No. 02-27

1. The subject items will be shipped on behalf of the Department of Defense. The NEW, the packaging, and the interim hazard classification for each item are as follows:

a. FMU-156(T-1)/B Guided Missile Remote Initiation Test Fuze w/156 gm PBXN-9 Booster

NEW: 156 gm

Packaging shall be in accordance with Packing Instruction 141 of Paragraph 173.62 of CFR-49, dated 1 Dec 01.

Interim Hazard Classification:

DOD Class/Division/SCG- 1.1D
DOT Proper Shipping Name - Fuzes, Detonating,
with Protective Features

UN Serial No. - UN 0408
DOT Label - Explosive 1.1D

b. FMU-156/B(T-2) Guided Missile Test Fuze

NEW: 188 mg

Packaging shall be in accordance with Packing Instruction 141 of Paragraph 173.62 and Special Provision 116 of CFR-49, dated 1 Dec 01.

Interim Hazard Classification:

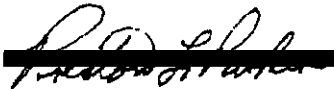
DOD Class/Division/SCG - 1.4S
DOT Proper Shipping Name - Fuzes, Detonating
UN Serial No. - UN 0367
DOT Label - Explosive 1.4S

2. These interim hazard classifications are issued in accordance with paragraph 173.56(b)(2) of CFR-49, dated 1 Dec

000076

01. A copy of this letter must be carried aboard each conveyance transporting the subject items. These interim hazard classifications are valid for one year from the date of this letter.

3. Our point of contact is Mr. Covey, DSN [REDACTED],
[REDACTED]


[REDACTED]
PRESTON L. PARKER
Chief, Systems Safety

CC:
46 EMS/LGMWK
46 MXS/LGMWI
AAC/WGC
Lockheed-Martin
OO-ALC/WMCS
DDESB-KT

000077

K2G
422

RUN DATE: 07/26/2002
RUN TIME: 14:22

ORIGINAL CY102102 1
ATTACHED 07/26/2002 1

AZP481

PACKAGE TRACKING INQUIRY

TODAYS DATE 07/26/2002

TRK NO 836076836125
TRAK TYP STATUS
DEST LOCAL TIME
TRAK DATE TIME LOCID

ORIG DEST
DSPN D/I RCPT
PRINTER JPPAP946

DATE 07262002
SHIP DT 07252002 TM C/A

EMP SRC SVC STATUS/COMMENTS PAGE 001

DEX* 07/26 0804 XXXC 082453 7 10-DAMAGED - DELIVERY NOT COMPLETED ATT 0804
ADDR TO: TALLAHASSEE
---- POST DATE/TIME 07/26/2002 1248 ----

STA* 07/26 0803 XXXC 082453 7 84-DELAY CAUSED BEYOND OUR CONTROL

HOP* 07/26 0350 MEMH 282970 TS ULD: DEST LOC: TLHR M/S: N
FREIGHT CHECKED: NO

CONS 07/26 0348 MEMH 282970 TS CONSOLIDATED ID: 834537912124
FLIGHT 1478 DEST: TLHR M/S: N

CON+ 07/26 0057 MEMH 265207 TS CONSOLIDATED ID: 835695699406
ULD: AWX0108FM DEST: TLHR M/S: Y

RIP* 07/25 2110 MCOR 203778 TS ORLANDO FL
SCANNING EMPLOYEE LOC: MCOR
---- POST DATE/TIME 07/26/2002 0209 ----

REV 07/25 0000 ORLA 999999 RD PO SHPR: JOHN KOSSLER ORIG: ORLA 328075200
RCPT: BETTY ELDER DEST: DHNA 36081
TOT WGT: 63.0 TOT PKGS: 3
DELIVER WEEKDAY
ACCESSIBLE DANGEROUS GOODS

SOP* 07/25 2037 ORLA 276527 TS ORLANDO FL
---- POST DATE/TIME 07/25/2002 2101 ----

CONS 07/25 2023 ORLA 242247 TS CONSOLIDATED ID: 214745038754
CTV: ORL11 DEST: MCOR M/S:

COMM 07/25 2023 ORLA 242247 TS ORL11

CON+ 07/25 1955 ORLA 242247 TS CONSOLIDATED ID: 214745038673
ULD: AYY1930FM DEST: MCOR M/S:

BAT 07/25 2009 ORLA 291726 TS BATCH NUMBER: 10005784413
BATCH DEST LOC: MSCAN

MPS 07/25 1515 ORLA 291726 TS

REF 07/25 1515 ORLA 291726 AU SERVICE CHG - PO
DELIVERY CHG - DELIVER WEEKDAY
HANDLING CHG - ACCESSIBLE DANGEROUS GOODS

000078

TRAK	DATE	TIME	LOCID	EMP	SRC	SVC	STATUS/COMMENTS	PAGE	002
POP	07/25	1515	ORLA	291726	TS	PO	DISP NBR 9322 RT/331 SVC CMT: AM CMT DAY: FR URSA XR DBNA DEST ZIP/RTC 36081 LABELLED ORLANDO NBR PCS: 3 TOP WT: 63 LBS DELIVER WEEKDAY ACCESSIBLE DANGEROUS GOODS STOP TYPE: ON CALL		

END OF REPORT

000079

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

(Provide at least two copies to the airline)

Shipper

KAMAN DAYRON
6655 E. COLONIAL DRIVE
ORLANDO, FLORIDA 32807

Air Waybill No. 836076836125

Page 1 of 1 Pages

Shipper's Reference Number S.O.# 0352
(optional)

Consignee

LOCKHEED MARTIN
PIKE COUNTY FACILITY
5500 COUNTY ROAD #37
TROY, ALABAMA 36081



Two completed and signed copies of this Declaration must be handed to the operator.

WARNING

Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties. This Declaration must not, in any circumstances, be completed and/or signed by a consolidator, a forwarder, or an IATA cargo agent.

TRANSPORT DETAILS

This shipment is within the limitations prescribed for:

(delete non-applicable)

PASSENGER AND CARGO AIRCRAFT	CARGO X AIRCRAFT XXXXXX
------------------------------	--

Airport of Departure

Airport of Destination:

Shipment type: (delete non-applicable)

NON-RADIOACTIVE ~~X RADIOACTIVE X~~

NATURE AND QUANTITY OF DANGEROUS GOODS

Dangerous Goods Identification					Quantity and type of packaging	Packing Inst.	Authorization
Proper Shipping Name	Class or Division	UN or ID No.	Pack- ing Group	Subsidi- ary Risk			
FUZES, DETONATING	1.4S	UN0367			3 (4A) STEEL CANS X 9.5 KGS EACH TOTAL N.E.W. 1128 MGS.	141	(IHC) LOG NO.: 02-27 000080

Additional Handling Information

ERGON GUIDE 114 FOR 1.4 EXPLOSIVES ATTACHED
(IHC) LOG NO.: 02-27 ATTACHED

Emergency Telephone Number (407) 282-1000

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and National Governmental Regulations.

Name/Title of Signatory
J.P. KOSSLER JR.
PRODUCTION CONTROL MGR.

Place and Date
ORLANDO, FLORIDA 1-25-02

Signature
(see warning above)

THIS SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN, OR INCIDENT TO, RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT.

000081

FedEx Express NOTIFICATION FOR LOADING OF DANGEROUS GOODS (PART B)

File Copy (Retain 20 Days) **1**

PROCESSED - 9 PART FORM - USE BACK FORM REGION ONLY

Employee # 305224	Origin: JOP	Dest: TLHR	Date: 24 JULY 02	Tracking Number 83507233267	ULD/Container BANK TRACK #
Proper Shipping Name, Class or Division, UN or ID #, Pkg Group, Subsidiary Risks, or other entries as appropriate. Ex: D001-S-000X, Dangerous When Wet. (Per Title 49 CFR & IATA/ICAO)					
BATTERIES, WET, FILLED WITH ALKALI, 8, UN 2795		P <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D	# of Pkgs 1	Net Qty Per Pkg 213 kg	
		<input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D	# of Pkgs 1	Net Qty Per Pkg 213 kg	
		<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D	# of Pkgs 1	Net Qty Per Pkg 214 kg	

24 Hr Emergency Telephone # **00.33.557106400**

Dangerous When Airt Planning
TRUCK PLACARD BOARD WEIGHT
CLASS **1**

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CARRIED AIRCRAFT ONLY IF APPLICABLE

Note 2 of 3 ~~str~~ transported on flight

Faxed copy of notification correctly indicated #1 to #3 on board

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26. JUL. 2002 19:52

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N°1521 P. 1

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Attention of: CAROLE SCIONE

Attached : - shipper's Declaration copy
- Part B copy.

Rgds
Arnaud

PS: shipper "SAFT" not available on the phone.

TOTAL OF 3 PAGES

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BMW Williams F1 Team
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