ASSOCIATION
OF AMERICAN
RAILROADS

P. G. Kinnecom
Executive Director - Tank Car Safety

August 26, 2005

CIRCULAR NO. OT-55-H

(CPC-1171)

SUBJECT: Recommended Railroad Operating Practices for Transportation of Hazardous Materials

TO MEMBERS AND PRIVATE CAR OWNERS:

Based on recommendations of the Inter-Industry Task Force on the Safe Transportation of Hazardous Materials by Rail, AAR published Circular No. OT-55 on January 4, 1990 to document recommended railroad operating practices for the transportation of hazardous materials. The circular included recommended road and yard operating practices, designation of key routes, proposed separations from hazmat storage areas, training of transportation employees, and implementation of TRANSCAER®, a national community outreach program to improve community awareness, emergency planning and incident response for the transportation of hazardous materials, criteria for shipper notification, and procedures for handling time sensitive materials.

Circular No. OT-55 has been modified to revision H dated 9/1/2005 (copy attached). Circular No. OT-55-H includes the following revisions:

1. The members of the American Short Line and Regional Railroad Association are recognized as subscribers to OT-55;
2. The applicability of OT-55 is modified; and
3. Hazard Zone C & D commodities and anhydrous ammonia have been added to the definition of key trains. The added commodities also have an impact on the definition of key routes and the yard operating practices section, as well as Appendix A, which now incorporates all Hazard Zone C & D commodities in addition to Hazard Zone A & B commodities, as well as adding anhydrous ammonia.

A copy of Circular No. OT-55-G, Recommended Railroad Operating Practices for Transportation of Hazardous Materials, is attached for your reference and use.

Sincerely,
P. G. Kinnecom

Safety and Operations
50 F Street, N.W., Washington, D.C. 20001-1564
Phone ([redacted] FAX (202) 639-2356; e-mail [redacted]

ASSOCIATION OF
AMERICAN RAILROADS

R.C. VanderClute
Senior Vice President
Safety and Operations

August 25, 2005

AAR Circular No. OT-55-H

Recommended Railroad Operating Practices For Transportation of Hazardous Materials

Chief Operating Officers:

On August 22, 2005, AAR's Safety and Operations Management Committee approved changes in AAR Circular
No. OT–55, resulting in revised recommended operating practices for the transportation of hazardous materials.
AAR Circular No. OT–55-H (attached) becomes effective September 1, 2005.

Sincerely,

R. C. VanderClute
Safety and Operations
50 F Street NW
Washington DC 20001

ASSOCIATION OF
AMERICAN RAILROADS

Circular No. OT-55-
H
Effective September 1, 2005

Recommended Railroad Operating Practices for Transportation of Hazardous Materials

Road Operating Practices

I.
"Key Trains"
A.
Definition: A “Key Train” is any train with:
¾
five tank car loads of Poison Inhalation Hazard (PIH) (Hazard Zone A, B, C, or D) or
anhydrous ammonia, or;
¾
20 car loads or intermodal portable tank loads of a combination of PIH (Hazard Zone A, B, C
or D), anhydrous ammonia, flammable gas, Class 1.1 or 1.2 explosives, and environmentally
sensitive chemicals, or;

¾
one or more car loads of Spent Nuclear Fuel (SNF), High Level Radioactive Waste (HLRW).
Attached as Appendix, A is a list of PIH (Hazard Zone A, B, C or D) and environmentally
sensitive chemicals, anhydrous ammonia, and time sensitive materials with 49 Hazmat Codes.

B.
Restrictions:
1.
Maximum speed -- "Key Train" - 50 MPH.
2.
Unless siding or auxiliary track meets FRA Class 2 standards, a Key Train will hold main
track at meeting or passing points, when practicable.
3.
Only cars equipped with roller bearings will be allowed in a Key Train.
4.
If a defect in a "Key Train" bearing is reported by a wayside detector, but a visual
inspection fails to confirm evidence of a defect, the train will not exceed 30 MPH until it
has passed over the next wayside detector or delivered to a terminal for a mechanical
inspection. If the same car again sets off the next detector or is found to be defective, it
must be set out from the train.

II.
Designation of "Key Routes"
A.
Definition: Any track with a combination of 10,000 car loads or intermodal portable tank loads of hazardous materials, or a combination of 4,000 car loadings of PIH (Hazard zone A, B, C, or D), anhydrous ammnoia, flammable gas, Class 1.1 or 1.2 explosives, environmentally sensitive chemicals, Spent Nuclear Fuel (SNF), and High Level Radioactive Waste (HLRW) over a period of one year.
B.
Requirements:
1.
Wayside defective bearing detectors shall be placed at a maximum of 40 miles apart on "Key Routes", or equivalent level of protection may be installed based on improvements in technology.
2.
Main Track on "Key Routes" is inspected by rail defect detection and track geometry inspection cars or any equivalent level of inspection no less than two times each year; sidings are similarly inspected no less than one time each year; and main track and sidings will have periodic track inspections that will identify cracks or breaks in joint bars.

3.
Any track used for meeting and passing "Key Trains" must be Class 2 or higher. If a
meet or pass must occur on less than Class 2 track due to an emergency, one of the trains
must be stopped before the other train passes.
III.
Yard Operating Practices
A.
Maximum reasonable efforts will be made to achieve coupling of loaded placarded tank cars at speeds
not to exceed 4 MPH.
B.
Loaded placarded tank cars of PIH (Hazard zone A, B, C or D), anhydrous ammonia, or flammable
gas which are cut off in motion for coupling must be handled in not more than 2-car cuts; and cars cut
off in motion to be coupled directly to a loaded placarded tank car of PIH (Hazard zone A, B, C, or D),
anhydrous ammonia, or flammable gas must also be handled in not more than 2-car cuts.
IV. Storage
Separation Distance for New Facilities
Loaded Tank Cars and Storage Tanks from Mainline Class 2 Track or Higher

Activity	PIH (Zone A or B), Class 3, Division 2.1, Division 2.2 and all other Hazard Classes	Combustible Liquids, Class 8, and Class 9
Loading and Unloading	100 FEET	50 FEET
Storage of Loaded Tank Cars	50 FEET	25 FEET
Storage in Tanks	100 FEET	50 FEET

Note 1 - With regard to existing facilities, maximum reasonable effort should be made to conform to this
standard taking into consideration cost, physical and legal constraints.

Note 2 -The proposals apply to storage on railroad property and on chemical company property located
close to railroad mainline.

V.
TRANSCAER® (Transportation Community Awareness and Emergency Response Implementation of
Transcaer®)
Railroads will assist in implementing TRANSCAER®, a system-wide community outreach program to
improve community awareness, emergency planning and incident response for the transportation of hazardous
materials. Objectives of TRANSCAER® are as follows:

•

Demonstrate the continuing commitment of chemical manufacturers and transporters to the safe transportation of hazardous materials;

- Improve the relationship between manufacturers, carriers and local officials of communities through which hazardous materials are transported;
- When requested, assist Local Emergency Planning Committees (LEPC's) in assessing the hazardous materials moving through their communities and the safeguards that are in place to protect against unintentional releases. Upon written request, AAR members will provide bona fide emergency response agencies or planning groups with specific commodity flow information, covering at a minimum the top 25 hazardous commodities transported through the community in rank order. The request must be made using the form included as Appendix B by an official emergency response or planning group with a cover letter on appropriate letterhead bearing an authorized signature. The form reflects the fact that the railroad industry considers this information to be restricted information of a security sensitive nature and that the recipient of the information must agree to release the information only to bona fide emergency response planning and response organizations and not distribute the information publicly in whole or in part without the individual railroad’s express written permission. It should be noted that commercial requirements change over time, and it is possible that a hazardous materials transported tomorrow might not be included in the specific commodity flow information provided upon request, since that information was not available at the time the list was provided;

- Assist LEPC's in developing emergency plans to cope with hazardous materials transportation incidents;
- Assist community response organizations in preparations for responding to hazardous materials incidents.

TRANSCAER® activities are also addressed in the Distribution Code of the American Chemistry Council's Responsible Care® program. Many members have joined the Responsible Care® Partnership Program to help describe and improve their ongoing safety, health and environmental programs.

An important product of the TRANSCAER® program will be to overcome the widespread belief that every local firefighter and policeman must have the expert skills and equipment to respond personally to any hazardous materials emergency. Through the awareness training and contingency planning provided through TRANSCAER®, states and local communities will be able to pool their expertise and resources with those of industry to provide for a more coordinated and better managed emergency response system.

TRANSCAER® should be highly publicized to produce the maximum desirable enhancement of public awareness.

VI. Criteria for Shipper Notification

The railroads will initiate the shipper's emergency response system by calling CHEMTREC, or the appropriate contact telephone number as required by regulation on the shipping document, when an incident occurs involving any car (load or residue) containing a hazardous material regulated in transportation by the Department of Transportation.

An incident is defined as a rail car which is derailed and not upright, or which has sustained body or tank shell damage, or has sustained a release of any amount of product.

The shipper's emergency response system should also be initiated if the carrier believes there is reason to suspect any other potential for injury to people, property or the environment.

In the event of a major rail accident, a consist (to include shipper, consignee and commodity description for each hazardous material), waybill or equivalent document, should be provided upon request to CHEMTREC or the appropriate shipper contact as identified by the emergency response telephone number displayed on the shipping document. This can be accomplished by facsimile or other appropriate and acceptable electronic means.

A major rail accident is defined as one resulting in fire, explosion, the potential for an explosion, fatalities, evacuation of the general public, or multiple releases of hazardous materials.

Anytime a consist or other document is provided to CHEMTREC or the appropriate contact, a follow-up call by the carrier should be made to confirm the receipt of the information as well as to provide other information pertaining to the incident not contained in the facsimile or electronically transmitted document.

This practice does not preclude any carrier from notifying CHEMTREC or the appropriate shipper contact of a rail incident involving hazardous materials that does not meet the criteria outlined above.

VII Time Sensitive Materials

Railroads and shippers will be responsible for monitoring the shipments (loads & residue) of products classified by the Department of Transportation as being time sensitive.

This monitoring process will, at a minimum, provide a means to ensure the movement of rail cars containing time sensitive materials (for list see Appendix A, page 7) in order to achieve delivery of the product within the time specified by the Department of Transportation.

As warranted, railroads will implement an internal escalation process and communicate with shippers, receivers and other rail carriers concerning any rail car containing a time sensitive product that has been delayed in

transit to the extent that it may not reach destination within the time specified by the Department of Transportation.
In such cases, an expedited movement of the rail car or other action as deemed appropriate by the carrier and
shipper will be taken.

VIII Applicability

These recommendations are adopted by each AAR and American Short Line and Regional Railroad
Association (ASLRRA) member, without reservation, for its operations within the United States of America.

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Supersedes Circular No. OT-55-G dated March 1, 2005

Appendix A to OT-55-H (September 1, 2005)
Non-Flammable Gas

PROPER SHIPPING NAME CLASS HAZ MAT
STCC
Hazard
Zone
AMMONIA, ANHYDROUS
AMMONIA, ANHYDROUS
2.2
2.2
4904210
4920359
D
D

Poison Gases

PROPER SHIPPING NAME CLASS HAZ MAT
STCC
Hazard
Zone
AMMONIA SOLUTIONS 2.3 4920360 D
ARSINE 2.3 4920135 A
BORON TRICHLORIDE 2.3 4920349 C
BORON TRIFLUORIDE 2.3 4920522 B
BROMINE CHLORIDE 2.3 4920715 B
CARBON MONOXIDE AND HYDROGEN MIXTURE, COMPRESSED 2.3 4920343
CARBON MONOXIDE, COMPRESSED 2.3 4920399 D
CARBON MONOXIDE, REFRIGERATED LIQUID 2.3 4920511 D
CARBONYL FLUORIDE 2.3 4920559 B
CARBONYL SULFIDE 2.3 4920351 C
CHLORINE 2.3 4920523 B
CHLORINE PENTAFLUORIDE 2.3 4920189 A
CHLORINE TRIFLUORIDE 2.3 4920352 B
CHLOROPICRIN AND METHYL BROMIDE MIXTURES 2.3 4920516 B
CHLOROPICRIN AND METHYL BROMIDE MIXTURES 2.3 4920547 B
CHLOROPICRIN AND METHYL CHLORIDE MIXTURES 2.3 4920392 B
COAL GAS, COMPRESSED 2.3 4920527 C
COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S. 2.3 4920102 A
COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S. 2.3 4920303 B
COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S. 2.3 4920304 C
COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S. 2.3 4920305 D
COMPRESSED GAS, TOXIC CORROSIVE, N.O.S. 2.3 4920301 D
COMPRESSED GAS, TOXIC CORROSIVE, N.O.S. 2.3 4920324 B
COMPRESSED GAS, TOXIC FLAMMABLE, N.O.S. 2.3 4920379 D
COMPRESSED GAS, TOXIC OXIDIZING, CORROSIVE, N.O.S. 2.3 4920103 A
COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S. 2.3 4920331 B
COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S. 2.3 4920165 A
COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S. 2.3 4920378 C
COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S. 2.3 4920396 B
COMPRESSED GAS, TOXIC, N.O.S. 2.3 4920181 A
COMPRESSED GAS, TOXIC, N.O.S. 2.3 4920373 D
COMPRESSED GAS, TOXIC, N.O.S. 2.3 4920375 C

COMPRESSED GAS, TOXIC, N.O.S. 2.3 4920505 C
COMPRESSED GAS, TOXIC, N.O.S. 2.3 4920517
COMPRESSED GAS, TOXIC, N.O.S. 2.3 4920525
COMPRESSED GAS, TOXIC, N.O.S. 2.3 4920556
COMPRESSED GAS, TOXIC, N.O.S. 2.3 4920570 B
COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S. 2.3 4920306 B
COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S. 2.3 4920307 C

PROPER SHIPPING NAME CLASS HAZ MAT
STCC
Hazard
Zone
COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S. 2.3 4920308 D
COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S. 2.3 4920325 D
COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S. 2.3 4920104 A
COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S. 2.3 4920309 C
COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S. 2.3 4920310 D
COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S. 2.3 4920337 B
CYANOGEN 2.3 4920395 B
CYANOGEN CHLORIDE, STABILIZED 2.3 4920178 A
DIBORANE 2.3 4920107 A
DICHLOROSILANE 2.3 4920398 B
DINITROGEN TETROXIDE 2.3 4920174 A
ETHYLENE OXIDE 2.3 4920353 D
ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE 2.3 4920196 D
FLUORINE, COMPRESSED 2.3 4920180 A
GAS IDENTIFICATION SET 2.3 4920510
GAS SAMPLE, NON-PRESSURIZED, TOXIC, FLAMMABLE, N.O.S. 2.3 4920534
GAS SAMPLE, NON-PRESSURIZED, TOXIC, N.O.S. 2.3 4920536
GERMANE 2.3 4920354 B
HEXAETHYL TETRAPHOSPHATE AND COMPRESSED GAS
MIXTURES
2.3 4920515 C
HEXAFLUOROACETONE 2.3 4920528 B
HYDROGEN BROMIDE, ANHYDROUS 2.3 4920502 C
HYDROGEN CHLORIDE, ANHYDROUS 2.3 4920503 C
HYDROGEN CHLORIDE, REFRIGERATED LIQUID 2.3 4920504 C
HYDROGEN IODIDE, ANHYDROUS 2.3 4920348 C
HYDROGEN SELENIDE ANHYDROUS 2.3 4920122 A
HYDROGEN SULFIDE 2.3 4920513 B
INSECTICIDE GASES, TOXIC FLAMMABLE, N.O.S. 2.3 4920115 A
INSECTICIDE GASES, TOXIC FLAMMABLE, N.O.S. 2.3 4920116 A
INSECTICIDE GASES, TOXIC FLAMMABLE, N.O.S. 2.3 4920302 B
INSECTICIDE GASES, TOXIC, FLAMMABLE, N.O.S. 2.3 4920322 C
INSECTICIDE GASES, TOXIC, FLAMMABLE, N.O.S. 2.3 4920323 D
INSECTICIDE GASES, TOXIC, N.O.S. 2.3 4920550 C
LIQUEFIED GAS, TOXIC FLAMMABLE, N.O.S. 2.3 4920381 D
LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S. 2.3 4920105 A
LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S. 2.3 4920311 B
LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S. 2.3 4920313 C
LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S. 2.3 4920315 D
LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S. 2.3 4920108 A
LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S. 2.3 4920314 B
LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S. 2.3 4920316 C
LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S. 2.3 4920318 D
LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S. 2.3 4920164 A
LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S. 2.3 4920380 C
LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S. 2.3 4920382 B
LIQUEFIED GAS, TOXIC, N.O.S. 2.3 4920195 A
LIQUEFIED GAS, TOXIC, N.O.S. 2.3 4920368 C
LIQUEFIED GAS, TOXIC, N.O.S. 2.3 4920369 D
LIQUEFIED GAS, TOXIC, N.O.S. 2.3 4920383

PROPER SHIPPING NAME CLAS
S
HAZ MAT
STCC
Hazard
Zone
LIQUEFIED GAS, TOXIC, N.O.S. 2.3 4920531
LIQUEFIED GAS, TOXIC, N.O.S. 2.3 4920571 B
LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S. 2.3 4920110 A
LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S. 2.3 4920312 B
LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S. 2.3 4920320 C
LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S. 2.3 4920111 A
LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S. 2.3 4920317 B
LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S. 2.3 4920319 C
LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S. 2.3 4920321 D
METHYL BROMIDE 2.3 4920518 C
METHYL MERCAPTAN 2.3 4920355 C
METHYLCHLOROSILANE 2.3 4920394 B
NITRIC OXIDE AND DINITROGEN TETROXIDE MIXTURES 2.3 4920113 A
NITRIC OXIDE, COMPRESSED 2.3 4920112 A
NITROGEN TRIOXIDE 2.3 4920175 A
NITROSYL CHLORIDE 2.3 4920509 C
OIL GAS, COMPRESSED 2.3 4920344
ORGANIC PHOSPHATE, MIXED WITH COMPRESSED GAS 2.3 4920530 C
OXYGEN DIFLUORIDE, COMPRESSED 2.3 4920173 A
PARATHION AND COMPRESSED GAS MIXTURE 2.3 4920535 C
PERCHLORYL FLUORIDE 2.3 4920356 B
PHOSGENE 2.3 4920184 A
PHOSPHINE 2.3 4920160 A
PHOSPHORUS PENTAFLUORIDE 2.3 4920183 B
SELENIUM HEXAFLUORIDE 2.3 4920106 A
SILICON TETRAFLUORIDE 2.3 4920357 B
STIBINE 2.3 4920167 A
SULFUR DIOXIDE 2.3 4920508 C
SULFUR TETRAFLUORIDE 2.3 4920187 A
SULFURYL FLUORIDE 2.3 4920526 D
TELLURIUM HEXAFLUORIDE 2.3 4920188 A
TRIFLUOROACETYL CHLORIDE 2.3 4920347 B
TRIFLUOROCHLOROETHYLENE, STABILIZED 2.3 4920346 C
TUNGSTEN HEXAFLUORIDE 2.3 4920371 B

Flammable Liquids

PROPER SHIPPING NAME CLASS HAZ
MAT
STCC
Hazard
Zone
ETHYL ISOCYANATE 3 4907434 A
ISOBUTYL ISOCYANATE 3 4907409 A
ISOPROPYL ISOCYANATE 3 4909306 A
METHACRYLONITRILE, STABILIZED 3 4910370 B
METHOXYMETHYL ISOCYANATE 3 4909307 A

Spontaneously Combustible

PROPER SHIPPING NAME	CLASS HAZ MAT	STCC	Hazard Zone
PENTABORANE	4.2	4916138	A

Oxidizers

PROPER SHIPPING NAME	CLASS HAZ MAT	STCC	Hazard Zone
BROMINE PENTAFLUORIDE	5.1	4918505	A
BROMINE TRIFLUORIDE	5.1	4918507	B
TETRANITROMETHANE	5.1	4918180	B

Poison Liquids

PROPER SHIPPING NAME	CLASS HAZ MAT	STCC	Hazard Zone
2-CHLOROETHANAL	6.1	4921402	B
2-METHYL-2-HEPTANETHIOL	6.1	4921495	B
3,5-DICHLORO-2,4,6- TRIFLUOROPYRIDINE	6.1	4921741	B
ACETONE CYANOHYDRIN, STABILIZED	6.1	4921401	B
ACROLEIN, STABILIZED	6.1	4927007	A
ALLYL ALCOHOL	6.1	4921019	B
ALLYL CHLOROFORMATE	6.1	4923113	B
ALLYLAMINE	6.1	4921004	B
ARSENIC TRICHLORIDE	6.1	4923209	B
BROMOACETONE	6.1	4921727	B
CHLOROACETONE, STABILIZED	6.1	4921558	B
CHLOROACETONITRILE	6.1	4921009	B
CHLOROACETYL CHLORIDE	6.1	4923117	B
CHLOROPICRIN	6.1	4921414	B
CHLOROPIVALOYL CHLORIDE	6.1	4921746	B
CROTONALDEHYDE, STABILIZED	6.1	4921248	B
CYCLOHEXYL ISOCYANATE	6.1	4921010	B
DIKETENE, STABILIZED	6.1	4921254	B
DIMETHYL SULFATE	6.1	4921405	B
DIMETHYLHYDRAZINE, SYMETRICAL	6.1	4921251	B
DIMETHYLHYDRAZINE, UNSYMMETRICAL	6.1	4921202	B
ETHYL CHLOROFORMATE	6.1	4921020	B
ETHYL PHOSPHONOTHIOIC DICHLORIDE, ANHYDROUS	6.1	4921745	B
ETHYL PHOSPHONOUS DICHLORIDE, ANHYDROUS	6.1	4921742	B
ETHYL PHOSPHORODICHLORIDATE	6.1	4921744	B
ETHYLDICHLOROARSINE	6.1	4921404	B
ETHYLENE CHLOROHYDRIN	6.1	4921420	B
ETHYLENE DIBROMIDE	6.1	4921497	B
ETHYLENEIMINE, STABILIZED	6.1	4927006	A
HEXACHLOROCYCLOPENTADIENE	6.1	4921722	B

HYDROCYANIC ACID, AQUEOUS SOLUTIONS 6.1 4921028 B
HYDROGEN CYANIDE, SOLUTION IN ALCOHOL 6.1 4921239 B
HYDROGEN CYANIDE, STABILIZED 6.1 4927014 A
IRON PENTACARBONYL 6.1 4927004 A
ISOBUTYL CHLOROFORMATE 6.1 4921211 B
ISOPROPYL CHLOROFORMATE 6.1 4921252 B

PROPER SHIPPING NAME CLASS HAZ MAT
STCC
Hazard
Zone
METHANESULFONYL CHLORIDE 6.1 4921245 B
METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURES, LIQUID 6.1 4921438 B
METHYL CHLOROFORMATE 6.1 4927008 A
METHYL CHLOROMETHYL ETHER 6.1 4927012 A
METHYL IODIDE 6.1 4921304 B
METHYL ISOCYANATE 6.1 4927009 A
METHYL ISOTHIOCYANATE 6.1 4921487 B
METHYL ORTHOSILICATE 6.1 4921255 B
METHYL PHOSPHONIC DICHLORIDE 6.1 4921695 B
METHYL PHOSPHONOUS DICHLORIDE 6.1 4921008 B
METHYL VINYL KETONE, STABILIZED 6.1 4927022 A
METHYLDICHLOROARSINE 6.1 4921275 B
METHYLHYDRAZINE 6.1 4927011 A
N-BUTYL CHLOROFORMATE 6.1 4921730 B
N-BUTYL ISOCYANATE 6.1 4927027 B
NICKEL CARBONYL 6.1 4927010 A
N-PROPYL CHLOROFORMATE 6.1 4921756 B
N-PROPYL ISOCYANATE 6.1 4927025 A
PERCHLOROMETHYLMERCAPTAN 6.1 4921473 B
PHENYL ISOCYANATE 6.1 4921216 B
PHENYL MERCAPTAN 6.1 4921413 B
PHENYLCARBYLAMINE CHLORIDE 6.1 4921587 B
PHOSPHORUS TRICHLORIDE 6.1 4921016 B
SEC-BUTYL CHLOROFORMATE 6.1 4921207 B
TERT-BUTYL ISOCYANATE 6.1 4927026 A
THIOPHOSGENE 6.1 4923298 B
TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. 6.1 4927028 A
TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. 6.1 4927099 B
TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. 6.1 4927096 B
TOXIC BY INHALATION LIQUID, N.O.S. 6.1 4927018 A
TOXIC BY INHALATION LIQUID, N.O.S. 6.1 4927095 B
TOXIC BY INHALATION LIQUID, N.O.S., FLAMMABLE 6.1 4927019 A
TOXIC BY INHALATION LIQUID, OXIDIZING N.O.S. 6.1 4927024 A
TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S. 6.1 4927098 B
TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. 6.1 4927023 A
TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. 6.1 4927097 B
TRIMETHOXYSILANE 6.1 4921213 B
TRIMETHYLACETYL CHLORIDE 6.1 4921063 B
WASTE ALLYL ALCOHOL 6.1 4821019 B
WASTE HEXACHLOROCYCLO- PENTADIENE 6.1 4821722 B
WASTE TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S. 6.1 4821261 B

Corrosives

PROPER SHIPPING NAME	CLASS	HAZ MAT	STCC	Hazard Zone
BORON TRIBROMIDE	8		4932010	B
BROMINE	8		4936110	A
CHLOROSULFONIC ACID	8		4930204	B
ETHYL CHLOROTHIOFORMATE	8		4933327	B
HYDROGEN FLUORIDE, ANHYDROUS	8		4930024	C
NITRIC ACID, RED FUMING	8		4931201	B
PHOSPHORUS OXYCHLORIDE	8		4932352	B
SULFUR TRIOXIDE, STABILIZED	8		4930050	B
SULFUR TRIOXIDE, STABILIZED	8		4936565	B
SULFURIC ACID, FUMING	8		4930030	B
SULFURYL CHLORIDE	8		4930260	A
TITANIUM TETRACHLORIDE	8		4932385	B
TRICHLOROACETYL CHLORIDE	8		4935231	B
WASTE SULFURIC ACID, FUMING	8		4830030	B

Environmentally Sensitive Chemicals

Proper Shipping Name	Hazmat	STCC
Allyl Chloride		4907412
Carbon Tetrachloride		4821831 / 4860106 / 4921830 / 4921831 / 4960115
Chlorobenzene		4909153
Chloroform		4921767/4921769
o-Dichlorobenzene		4915132 / 4925203
Dichloropropane (Propylene dichloride)		4909265
Dichloropropane/Dichloropropene mixture		4910234
Dichloropropene		4909255
Ethyl Chloride		4905712 / 4908129 / 4908162 /
Ethylene Dibromide (already listed as PIH)		
Ethylene Dibromide and Methyl Bromide Mixtures (already listed as PIH)		
Ethylene Dichloride		4909166 / 4912081/ 4908129 / 4910437 / 4913242 / 4913295 / 4921030
Epichlorohydrin		4921005
Methyl Chloroform (1,1,1 Trichloroethane)		4825182 / 4925182 / 4910463 / 4010475 / 4915969 / 4925310 / 4960205
Methylene Chloride (Dichloromethane)		4925131 / 4905764
Methylene chloride/chloroform mixture		4960150
Perchloroethylene (Tetrachlorothylene)		4825202 / 4910134 / 4840355 / 4925202
Perchloroethylene/Trichloroethylene mixture		4940373
Trichloroethylene		4925181

Time Sensitive Materials

Proper Shipping Name Haz Mat STCC
20 Day
Ethylene, refrigerated liquid 4905735
Hydrogen, refrigerated liquid 4905745
Chloroprene, stabilized 4907223
Flammable Liquid, n.o.s. (Methyl Methacrylate
Monomer, uninhibited)
4907255
Hydrogen chloride, refrigerated liquid 4920504
30 day
Styrene monomer, stabilized 4907265
Flammable Liquid, n.o.s. (Recycled styrene) 4910159
Styrene monomer, stabilized 4907235

Appendix B to
Circular OT-55-
H

Sample Request for Hazardous Materials Commodity Flow Information

[Company LOGO]
Request for Hazardous Materials COMMODITY FLOW INFORMATION
Organization Requesting Information : _____
Contact Person: _____
Phone Number: _____
Email Address: _____
Mailing Address: _____

(Street Address)

_____

(City, State, Zip)

Geographical Description of Area for study:
_____

Preferred method to receive report: .. Email .. U.S. Mail (Mark One)

By signing below I acknowledge and agree to the terms set forth by [RAILROAD NAME] for use and dissemination of the
[RAILROAD'S] Hazardous Materials Commodity Flow Information. [RAILROAD'S NAME] considers this information to be
restricted information of a security sensitive nature. I thus affirm and agree that the information provided by [RAILROAD
NAME] in this report will be used solely for and by bona fide emergency planning and response organizations for the expressed
purpose of emergency and contingency planning. This information will not be distributed publicly in whole or in part without the
expressed written permission of [RAILROAD NAME].

(Signature of person requesting commodity flow information)

Return Completed Form to: [INSERT RAILROAD NAME AND ADDRESS]

For [RAILROAD] Use Only
[PERSON RESPONSIBLE FOR APPROVAL]: ___Yes___ NO Date: _____
_
Hazardous Materials Service Support:

Date Request Received:
Time Period Covered:

Date Report Sent:

Report sent via: .. Email .. U.S. Mail