

B009951 J PIPER

FA500554

04/26/24 14:02:34

TRNNB001
J PIPER

***** Train Documents *****

04/26/24
12:02:00PT

Train H BELPHX1 25A Departed DEFIANCE NM 04/26/24 1203 12 hr 52 min Late
H BELPHX1 25 Unit Train Set ID: C3763

* Train does not contain any intermodal *
* equipment with empty units without CCSB *

		Opr											
Head End	Avl	Dyn	Dyn LXA	Cum	Loco	Online	D	E	----Isolated----				
Locos	THP	THP	Brk	Brk Eqp	Axl	Tons	Dir	Destin	F	M	Cd	From	To
BNSF 5930%	5100	5100	10 EF+	Y Y	6	210	WEST	PHOENI				Y	
NS 7704%	4400	4400	8 EF+	Y	12	205	EAST	PHOENI				N	
BNSF 4375%	4400	4400	8 EF+	Y N	18	210	WEST	PHOENI				N	
Total	13900				18	625							
Incl DPUs	19200				Actual THpT = 1.6		(19200 THP/11946 tons)						
						Scheduled THpT = 2.5							

Seq	Car L	Contents	Online	J	Grs	Final	Dest	Cum	N						
Num	Init	Number	Knd	E	Want	Dy	Destin	T	RAJP	Ton	Consignee	City	ST	Axl	A
Block PHX Setout PHOENIX AZ															
1	AOK	40368	GRS	L	COILS		BUMSTE			115	INTSELSTEWLL	BUMSTEAD	AZ	22	
2	AOK	918220	G0S	L	COILS		GLENDA			121	ROADRUSTEEL	GLENDALE	AZ	26	
3	BNSF	534090	G0S	L	COILS		GLENDA			119	ROADRUSTEEL	GLENDALE	AZ	30	
4	BNSF	535429	GOT	L	COILS		GLENDA			117	ROADRUSTEEL	GLENDALE	AZ	34	
5	LW	70026	G0S	L	COILS		GLENDA			122	ROADRUSTEEL	GLENDALE	AZ	38	
6	BNSF	535309	GOT	L	COILS		GLENDA			118	ROADRUSTEEL	GLENDALE	AZ	42	
7	BNSF	535239	GOT	L	COILS		GLENDA			118	ROADRUSTEEL	GLENDALE	AZ	46	
8	AOK	41893	G0S	L	COILS		GLENDA			121	ROADRUSTEEL	GLENDALE	AZ	50	
9	BNSF	535471	GOT	L	COILS		GLENDA			117	ROADRUSTEEL	GLENDALE	AZ	54	
10	BNSF	535238	GOT	L	COILS		GLENDA			117	ROADRUSTEEL	GLENDALE	AZ	58	
11	BNSF	535054	GOT	L	COILS		GLENDA			117	ROADRUSTEEL	GLENDALE	AZ	62	
12	CBFX	471202	C5P	L	PLASTC		SURPRI			140	SEATTLBOX	SURPRISE	AZ	66	
EI HOLD EQUIPMENT INSTRUCTION															
13	UTLX	685162	TDI	L	LUBOIL		GLENDA			122	TARRACQLLC	GLENDALE	AZ	70	
14	GBRX	6984	I3E	L	BEER		GLENDA			125	FREEPOLOGIST	GLENDALE	AZ	74	
15	LINX	6789	I3E	L	BEER		SURPRI			117	CRESCECRODIS	SURPRISE	AZ	78	
16	AOKX	115765	I3E	L	BEER		GLENDA			115	FREEPOLOGIST	GLENDALE	AZ	82	
17	LINX	6643	I3E	L	BEER		GLENDA			115	FREEPOLOGIST	GLENDALE	AZ	86	
18	LINX	6717	I3E	L	BEER		PHOENI	UP		117	FINLEYDISCOL	TUCSON	AZ	90	
19	LINX	6747	I3E	L	BEER		SURPRI			113	CRESCECRODIS	SURPRISE	AZ	94	
20	LINX	6667	I3E	L	BEER		SURPRI			117	CRESCECRODIS	SURPRISE	AZ	98	
21	LINX	6618	I3E	L	BEER		PHOENI	UP		119	FINLEYDISCOL	TUCSON	AZ	102	
22	AOKX	115653	I3E	L	BEER		GLENDA			114	FREEPOLOGIST	GLENDALE	AZ	106	
23	LINX	6586	I3E	L	BEER		GLENDA			119	FREEPOLOGIST	GLENDALE	AZ	110	
24	TBOX	673823	ACF	L	PRCLBD		GLENDA			133	ALCHOLLLC	GLENDALE	AZ	114	
25	TBOX	665074	ACF	L	PRCLBD		GLENDA			132	ALCHOLLLC	GLENDALE	AZ	118	
26	TBOX	634252	ACF	L	PRCLBD		GLENDA			133	ALCHOLLLC	GLENDALE	AZ	122	
27	LRS	141142	BCF	L	PRCLBD		GLENDA			134	ALCHOLLLC	GLENDALE	AZ	126	
28	TBOX	662493	ACF	L	PRCLBD		GLENDA			134	ALCHOLLLC	GLENDALE	AZ	130	
29	UP	700472	ACF	L	PRCLBD		GLENDA			133	ALCHOLLLC	GLENDALE	AZ	134	
30	FHRX	628743	C5A	L	PLASTC		GOLDBA			132	IRISUSA	GOLDBADGE	AZ	138	
31	AOKX	115745	I3E	L	BEER		GLENDA			127	FREEPOLOGIST	GLENDALE	AZ	142	
32	CEFX	300681	C3G	L	GDSAND		PHOENI			128	KELLYSRELOAD	PHOENIX	AZ	146	

33 KLRX 1513 C5P L PLASTC GOLDBA 129 IRISUSA GOLDBADGE AZ 150
34 AIMX 22214 G05 E PHOENI 32 AIMRECPHOLLC PHOENIX AZ 154
35 TTGX 986389 M2A L AUTOS ELMIAZ 68 INTERRTRANSP ELMIRAGE AZ 158
US-MANIFEST-ID 023941032024 ENTRY NO. 22863518415
XU CUSTOMS DOCUMENTATION INTO THE US COMPLETED
36 TTGX 971982 M2A L AUTOS ELMIAZ 70 INTERRTRANSP ELMIRAGE AZ 162
US-MANIFEST-ID 996161032024 ENTRY NO. 22863518449
XU CUSTOMS DOCUMENTATION INTO THE US COMPLETED
37 TILX 31748 C3P L CEMENT GLENDA 140 UNIVERWHICEM GLENDALE AZ 166
38 ATW 84083 BCE L PULP GLENDA 140 FREEPOLOGIST GLENDALE AZ 170
39 CN 413803 A2E L PULP GLENDA 128 FREEPOLOGIST GLENDALE AZ 174
40 DWC 795153 ACF L PULP GLENDA 141 FREEPOLOGIST GLENDALE AZ 178
41 CIGX 805323 GRS L COILS GLENDA 119 ALLIEDTUBCON GLENDALE AZ 182
42 CSXT 493298 GRS L COILS GLENDA 121 ALLIEDTUBCON GLENDALE AZ 186
43 CSXT 499367 GRS L COILS GLENDA 117 ALLIEDTUBCON GLENDALE AZ 190
44 GTW 187680 GRS L COILS FONTCA 108 MHXLLC FONTANA CA 194
45 UTLX 953969 T93 L HAZMAT PHOENI 112 MECHANFOREMA BUMSTEAD AZ 198
FG FLAMMABLE GAS
BH BAD ORDER HOME SHOPS

>>> KEY SHIPMENT (TWENTY) <<<

* HAZMAT * 1 TNK // 30097 GA
UN1075 // LIQUEFIED PETROLEUM GASES
2.1

EMERGENCY CONTACT: 8004249300
SHIPPER CONTACT: CONTRACT:22364

TN= PROPANE GAS, LIQUEFIEDNON
ODORIZED
HAZMAT STCC 4905419

Adi Desc: (NON ODORIZED PROPANE)

RAIL CONSIGNEE
SACRAMENTO ENERGY RESOURCES LLC
1231 OLD ANNETTA RD
BUMSTEAD AZ 76008

RAIL SHIPPER
KIROS ENERGY MARKETING
TIOGA ND

46 NATX 400688 T93 L HAZMAT BUMSTE 111 PLAINSLPGSER BUMSTEAD AZ 202
FG FLAMMABLE GAS

>>> KEY SHIPMENT (TWENTY) <<<

* HAZMAT * 1 TNK // 29814 GA
UN1075 // LIQUEFIED PETROLEUM GASES
2.1

EMERGENCY CONTACT: 8004249300
SHIPPER CONTACT: CONTRACT:22364

TN= PROPANE GAS, LIQUEFIEDNON
ODORIZED
HAZMAT STCC 4905419

Adi Desc: (NON ODORIZED PROPANE)

RAIL CONSIGNEE
SACRAMENTO ENERGY RESOURCES LLC
1231 OLD ANNETTA RD
BUMSTEAD AZ 76008

RAIL SHIPPER
KIROS ENERGY MARKETING
TIOGA ND

47 UTLX 959911 T93 L HAZMAT BUMSTE 113 PLAINSLPGSER BUMSTEAD AZ 206
FG FLAMMABLE GAS

>>> KEY SHIPMENT (TWENTY) <<<

* HAZMAT * 1 TNK // 29984 GA
UN1075 // LIQUEFIED PETROLEUM GASES

EMERGENCY CONTACT: 8004249300
SHIPPER CONTACT: CONTRACT:22364

2.1
TN= PROPANE GAS, LIQUEFIEDNON
ODORIZED
HAZMAT STCC 4905419

Adi Desc: (NON ODORIZED PROPANE)

RAIL CONSIGNEE
SACRAMENTO ENERGY RESOURCES LLC
1231 OLD ANNETTA ROAD
BUMSTEAD AZ 76008

RAIL SHIPPER
SACRAMENTO ENERGY RESOURCES
TIOGA ND

48 UTLX 954193 T93 L HAZMAT BUMSTE
FG FLAMMABLE GAS

112 PLAINSLPGSER BUMSTEAD AZ 210

>>> KEY SHIPMENT (TWENTY) <<<

* HAZMAT *

1 TNK // 30063 GA
UN1075 // LIQUEFIED PETROLEUM GASES
2.1

EMERGENCY CONTACT: 8004249300
SHIPPER CONTACT: CONTRACT:22364

TN= PROPANE GAS, LIQUEFIEDNON
ODORIZED
HAZMAT STCC 4905419

Adi Desc: (NON ODORIZED PROPANE)

RAIL CONSIGNEE
SACRAMENTO ENERGY RESOURCES LLC
1231 OLD ANNETTA ROAD
BUMSTEAD AZ 76008

RAIL SHIPPER
SACRAMENTO ENERGY RESOURCES
TIOGA ND

49 UTLX 955642 T93 L HAZMAT BUMSTE
FG FLAMMABLE GAS

113 PLAINSLPGSER BUMSTEAD AZ 214

>>> KEY SHIPMENT (TWENTY) <<<

* HAZMAT *

1 TNK // 30171 GA
UN1075 // LIQUEFIED PETROLEUM GASES
2.1

EMERGENCY CONTACT: 8004249300
SHIPPER CONTACT: CONTRACT:22364

TN= PROPANE GAS, LIQUEFIEDNON
ODORIZED
HAZMAT STCC 4905419

Adi Desc: (NON ODORIZED PROPANE)

RAIL CONSIGNEE
SACRAMENTO ENERGY RESOURCES LLC
1231 OLD ANNETTA ROAD
BUMSTEAD AZ 76008

RAIL SHIPPER
SACRAMENTO ENERGY RESOURCES
TIOGA ND

50 UTLX 952565 T93 L HAZMAT BUMSTE
FG FLAMMABLE GAS

112 PLAINSLPGSER BUMSTEAD AZ 218

>>> KEY SHIPMENT (TWENTY) <<<

* HAZMAT *

1 TNK // 30079 GA
UN1075 // LIQUEFIED PETROLEUM GASES
2.1

EMERGENCY CONTACT: 8004249300
SHIPPER CONTACT: CONTRACT:22364

TN= PROPANE GAS, LIQUEFIEDNON
ODORIZED
HAZMAT STCC 4905419

Adi Desc: (NON ODORIZED PROPANE)

RAIL CONSIGNEE
KIVA ENERGY, INC
10281 S STATE ST
BUMSTEAD AZ 84070

RAIL SHIPPER
KIVA ENERGY INC

TIOGA ND

51	BNSF	761278	ACF	L	DRYBEA	PHOENI	UP	141	BIAGIBROS	WILMOT	AZ	222	
52	GBRX	6938	I3E	L	BEER	GLENDA		117	FREEMOLOGIST	GLENDALE	AZ	226	
53	AOKX	115690	I3E	L	BEER	GLENDA		120	FREEMOLOGIST	GLENDALE	AZ	230	
54	LINX	6625	I3E	L	BEER	GLENDA		117	FREEMOLOGIST	GLENDALE	AZ	234	
55	CBFX	400956	C3A	L	ASHES	PHOENI		138	PHOENICEMENT	PHOENIX	AZ	238	
56	CBFX	441688	C3P	L	ASHES	PHOENI		137	PHOENICEMENT	PHOENIX	AZ	242	
57	CITX	200866	C3P	L	ASHES	PHOENI		136	PHOENICEMENT	PHOENIX	AZ	246	
58	SHQX	15567	C3P	L	ASHES	PHOENI		139	PHOENICEMENT	PHOENIX	AZ	250	
59	SHQX	15541	C3P	L	ASHES	PHOENI		135	PHOENICEMENT	PHOENIX	AZ	254	
60	CBFX	400885	C3A	L	ASHES	PHOENI		138	PHOENICEMENT	PHOENIX	AZ	258	
61	CBFX	400802	C3A	L	ASHES	PHOENI		133	PHOENICEMENT	PHOENIX	AZ	262	
62	CBFX	441626	C3P	L	ASHES	PHOENI		138	PHOENICEMENT	PHOENIX	AZ	266	
63	LINX	6739	I3E	L	BEER	SURPRI		119	CRESCECRODIS	SURPRISE	AZ	270	
64	GBRX	6956	I3E	L	BEER	GLENDA		124	FREEMOLOGIST	GLENDALE	AZ	274	
65	LINX	6729	I3E	L	BEER	SURPRI		124	CRESCECRODIS	SURPRISE	AZ	278	
66	AOKX	115716	I3E	L	BEER	GLENDA		126	FREEMOLOGIST	GLENDALE	AZ	282	
67	GBRX	6927	I3E	L	BEER	SURPRI		118	CRESCECRODIS	SURPRISE	AZ	286	
68	GBRX	6918	I3E	L	BEER	GLENDA		121	FREEMOLOGIST	GLENDALE	AZ	290	
69	SHQX	15419	C3P	L	ASHES	PHOENI		143	PHOENICEMENT	PHOENIX	AZ	294	
70	MQRX	140007	C3P	L	ASHES	PHOENI		132	PHOENICEMENT	PHOENIX	AZ	298	
71	SHQX	15440	C3P	L	ASHES	PHOENI		142	PHOENICEMENT	PHOENIX	AZ	302	
72	MQRX	140039	C3P	L	ASHES	PHOENI		136	PHOENICEMENT	PHOENIX	AZ	306	
73	TILX	30081	C3P	L	ASHES	PHOENI		136	PHOENICEMENT	PHOENIX	AZ	310	
74	SHQX	15548	C3P	L	ASHES	PHOENI		143	PHOENICEMENT	PHOENIX	AZ	314	
75	CITX	200809	C3P	L	ASHES	PHOENI		135	PHOENICEMENT	PHOENIX	AZ	318	
76	BNBX	95492	C3P	L	ASHES	PHOENI		131	PHOENICEMENT	PHOENIX	AZ	322	
77	CBFX	400716	C3A	L	ASHES	PHOENI		142	PHOENICEMENT	PHOENIX	AZ	326	
78	MQRX	140041	C3P	L	ASHES	PHOENI		131	PHOENICEMENT	PHOENIX	AZ	330	
79	CBFX	400890	C3A	L	ASHES	PHOENI		142	PHOENICEMENT	PHOENIX	AZ	334	
80	SHQX	15583	C3P	L	ASHES	PHOENI		142	PHOENICEMENT	PHOENIX	AZ	338	
81	FURX	891582	C3P	L	ASHES	PHOENI		133	PHOENICEMENT	PHOENIX	AZ	342	
82	CBFX	400859	C3A	L	ASHES	PHOENI		142	PHOENICEMENT	PHOENIX	AZ	346	
83	CBFX	441657	C3P	L	ASHES	PHOENI		142	PHOENICEMENT	PHOENIX	AZ	350	
84	CBFX	441652	C3P	L	ASHES	PHOENI		142	PHOENICEMENT	PHOENIX	AZ	354	
85	CITX	200824	C3P	L	ASHES	PHOENI		134	PHOENICEMENT	PHOENIX	AZ	358	
86	CITX	200815	C3P	L	ASHES	PHOENI		134	PHOENICEMENT	PHOENIX	AZ	362	
87	TILX	30093	C3P	L	ASHES	PHOENI		136	PHOENICEMENT	PHOENIX	AZ	366	
EI	HOLD EQUIPMENT INSTRUCTION												
88	SHQX	15446	C3P	L	ASHES	PHOENI		142	PHOENICEMENT	PHOENIX	AZ	370	
89	SHQX	15428	C3P	L	ASHES	PHOENI		143	PHOENICEMENT	PHOENIX	AZ	374	
90	CBFX	400877	C3A	L	ASHES	PHOENI		142	PHOENICEMENT	PHOENIX	AZ	378	
91	CBFX	400827	C3A	L	ASHES	PHOENI		28	PHOENICEMENT	PHOENIX	AZ	382	
92	CBFX	400818	C3A	L	ASHES	PHOENI		142	PHOENICEMENT	PHOENIX	AZ	386	
93	CBFX	400945	C3A	L	ASHES	PHOENI		142	PHOENICEMENT	PHOENIX	AZ	390	
94	CBFX	441610	C3P	L	ASHES	PHOENI		143	PHOENICEMENT	PHOENIX	AZ	394	
95	CBFX	441695	C3P	L	ASHES	PHOENI		143	PHOENICEMENT	PHOENIX	AZ	398	
96	AOK	519365	G06	E	04/23	PHOENI		37	SARECLLC	PHOENIX	AZ	402	
97	SFLC	621	G06	E	04/23	PHOENI		38	SARECLLC	PHOENIX	AZ	406	
Block Totals		97	Cars			94	Loads	3	Empties	11946	Tons	5500	Feet

Opr
Avl Dyn Dyn LXA

DPU Online ----Isolated---- Cum

(UN2034) ARE LIGHTER THAN AIR AND WILL RISE. HYDROGEN AND DEUTERIUM FIRES ARE DIFFICULT TO DETECT SINCE THEY BURN WITH AN INVISIBLE FLAME. USE AN ALTERNATE METHOD OF DETECTION (THERMAL CAMERA, BROOM HANDLE, ETC.) VAPORS MAY TRAVEL TO SOURCE OF IGNITION AND FLASH BACK. CYLINDERS EXPOSED TO FIRE MAY VENT AND RELEASE FLAMMABLE GAS THROUGH PRESSURE RELIEF DEVICES.

CONTAINERS MAY EXPLODE WHEN HEATED.
RUPTURED CYLINDERS MAY ROCKET.

PUBLIC SAFETY

CALL 911. THEN CALL EMERGENCY RESPONSE TELEPHONE NUMBER ON SHIPPING PAPER. IF SHIPPING PAPER NOT AVAILABLE OR NO ANSWER, REFER TO APPROPRIATE TELEPHONE NUMBER LISTED ON THE INSIDE BACK COVER.

KEEP UNAUTHORIZED PERSONNEL AWAY.

STAY UPWIND, UPHILL AND/OR UPSTREAM.

MANY GASES ARE HEAVIER THAN AIR AND WILL SPREAD ALONG THE GROUND AND COLLECT IN LOW OR CONFINED AREAS (SEWERS, BASEMENTS, TANKS, ETC.).

PROTECTIVE CLOTHING

WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA).

STRUCTURAL FIREFIGHTERS' PROTECTIVE CLOTHING PROVIDES THERMAL PROTECTION BUT ONLY LIMITED CHEMICAL PROTECTION.

ALWAYS WEAR THERMAL PROTECTIVE CLOTHING WHEN HANDLING REFRIGERATED/CRYOGENIC LIQUIDS.

EVACUATION

IMMEDIATE PRECAUTIONARY MEASURE

ISOLATE SPILL OR LEAK AREA FOR AT LEAST 100 METERS (330 FEET) IN ALL DIRECTIONS.

LARGE SPILL

CONSIDER INITIAL DOWNWIND EVACUATION FOR AT LEAST 800 METERS (1/2 MILE).

FIRE

IF TANK, RAIL CAR OR TANK TRUCK IS INVOLVED IN A FIRE, ISOLATE FOR 1600 METERS (1 MILE) IN ALL DIRECTIONS; ALSO, CONSIDER INITIAL EVACUATION FOR 1600 METERS (1 MILE) IN ALL DIRECTIONS.

IN FIRES INVOLVING LIQUEFIED PETROLEUM GASES (LPG) (UN1075), BUTANE (UN1011), BUTYLENE (UN1012), ISOBUTYLENE (UN1055), PROPYLENE (UN1077), ISOBUTANE (UN1969), AND PROPANE (UN1978), ALSO REFER TO BLEVE - SAFETY PRECAUTIONS (PAGE 366).

FLAG IN CANADA, AN EMERGENCY RESPONSE ASSISTANCE PLAN (ERAP) MAY BE REQUIRED FOR THIS PRODUCT. PLEASE CONSULT THE SHIPPING PAPER AND/OR THE ERAP PROGRAM SECTION (PAGE 390).

EMERGENCY RESPONSE

FIRE

DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

CAUTION: HYDROGEN (UN1049), DEUTERIUM (UN1957), HYDROGEN, REFRIGERATED LIQUID (UN1966) AND HYDROGEN AND METHANE MIXTURE, COMPRESSED (UN2034) WILL BURN WITH AN INVISIBLE FLAME. USE AN ALTERNATE METHOD OF DETECTION (THERMAL CAMERA, BROOM HANDLE, ETC.)

SMALL FIRE

DRY CHEMICAL OR CO2.

LARGE FIRE

WATER SPRAY OR FOG.

IF IT CAN BE DONE SAFELY, MOVE UNDAMAGED CONTAINERS AWAY FROM THE AREA AROUND THE FIRE.

CAUTION: FOR LNG - LIQUEFIED NATURAL GAS (UN1972) POOL FIRES, DO NOT USE WATER. USE DRY CHEMICAL OR HIGH-EXPANSION FOAM.

FIRE INVOLVING TANKS

FIGHT FIRE FROM MAXIMUM DISTANCE OR USE UNMANNED MASTER STREAM DEVICES OR MONITOR NOZZLES.

COOL CONTAINERS WITH FLOODING QUANTITIES OF WATER UNTIL WELL AFTER FIRE IS OUT.

DO NOT DIRECT WATER AT SOURCE OF LEAK OR SAFETY DEVICES; ICING MAY OCCUR.
WITHDRAW IMMEDIATELY IN CASE OF RISING SOUND FROM VENTING SAFETY DEVICES OR
DISCOLORATION OF TANK.

ALWAYS STAY AWAY FROM TANKS ENGULFED IN FIRE.

FOR MASSIVE FIRE, USE UNMANNED MASTER STREAM DEVICES OR MONITOR NOZZLES; IF
THIS IS IMPOSSIBLE, WITHDRAW FROM AREA AND LET FIRE BURN.

SPILL OR LEAK

ELIMINATE ALL IGNITION SOURCES (NO SMOKING, FLARES, SPARKS OR FLAMES) FROM
IMMEDIATE AREA.

ALL EQUIPMENT USED WHEN HANDLING THE PRODUCT MUST BE GROUNDED.

DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL.

STOP LEAK IF YOU CAN DO IT WITHOUT RISK.

IF POSSIBLE, TURN LEAKING CONTAINERS SO THAT GAS ESCAPES RATHER THAN LIQUID.
USE WATER SPRAY TO REDUCE VAPORS OR DIVERT VAPOR CLOUD DRIFT. AVOID ALLOWING
WATER RUNOFF TO CONTACT SPILLED MATERIAL.

DO NOT DIRECT WATER AT SPILL OR SOURCE OF LEAK.

CAUTION: FOR LNG - LIQUEFIED NATURAL GAS (UN1972), DO NOT APPLY WATER,
REGULAR OR ALCOHOL-RESISTANT FOAM DIRECTLY ON SPILL. USE A HIGH-EXPANSION
FOAM IF AVAILABLE TO REDUCE VAPORS.

PREVENT SPREADING OF VAPORS THROUGH SEWERS, VENTILATION SYSTEMS AND CONFINED
AREAS.

ISOLATE AREA UNTIL GAS HAS DISPERSED.

CAUTION: WHEN IN CONTACT WITH REFRIGERATED/CRYOGENIC LIQUIDS, MANY MATERIALS
BECOME BRITTLE AND ARE LIKELY TO BREAK WITHOUT WARNING.

FIRST AID

CALL 911 OR EMERGENCY MEDICAL SERVICE.

ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL(S) INVOLVED AND TAKE
PRECAUTIONS TO PROTECT THEMSELVES.

MOVE VICTIM TO FRESH AIR IF IT CAN BE DONE SAFELY.

GIVE ARTIFICIAL RESPIRATION IF VICTIM IS NOT BREATHING.

ADMINISTER OXYGEN IF BREATHING IS DIFFICULT.

REMOVE AND ISOLATE CONTAMINATED CLOTHING AND SHOES.

CLOTHING FROZEN TO THE SKIN SHOULD BE THAWED BEFORE BEING REMOVED.

IN CASE OF CONTACT WITH LIQUEFIED GAS, THAW FROSTED PARTS WITH LUKEWARM
WATER.

IN CASE OF BURNS, IMMEDIATELY COOL AFFECTED SKIN FOR AS LONG AS POSSIBLE WITH
COLD WATER. DO NOT REMOVE CLOTHING IF ADHERING TO SKIN.

KEEP VICTIM CALM AND WARM.

..... END OF REPORT