

# SAFETY DATA SHEET

### 1. Identification

Product number	100009091
Product identifier	12 OZ TERAND AIRTOOLCLNRAND LUBE LB 12PK
Revision date	03-17-2015
Company information	CPC 1005 S. Westgate Drive Addison, IL 60101 United States
Company phone	General Assistance 630-543-7600
Emergency telephone US	1-866-836-8855
Emergency telephone outside US	1-952-852-4646
Version #	02
Supersedes date	03-09-2015
Recommended use	Not available.
Recommended restrictions	None known.

### 2. Hazard(s) identification

Physical hazards	Flammable aerosols	Category 1	
Health hazards	Aspiration hazard	Category 1	
Environmental hazards	Not classified.		
OSHA defined hazards	Not classified.		
Label elements			



Signal word	Danger
Hazard statement	Extremely flammable aerosol. May be fatal if swallowed and enters airways.
Precautionary statement	
Prevention	Keep away from heat/sparks/open flames/hot surfaces No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid release to the environment.
Response	If swallowed: Immediately call a poison center/doctor. If exposed or concerned: Get medical advice/attention. Do NOT induce vomiting. Collect spillage.
Storage	Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

### 3. Composition/information on ingredients

Mixtures			
Chemical name	Common name and synonyms	CAS number	%
Solvent Naphtha (petroleum), Light Aliph.		64742-89-8	20 - 40
Butane		106-97-8	10 - 20
Synthetic Isoparaffinic Hydrocarbon		64741-66-8	10 - 20
White Mineral Oil		8042-47-5	10 - 20

Chemical name	Common name and synonyms	CAS number	%
Ethyl Alcohol		64-17-5	2.5 - 10
n-Heptane		142-82-5	2.5 - 10
Propane		74-98-6	2.5 - 10
Cyclohexane		110-82-7	0.1 - 1
Octane		111-65-9	0.1 - 1
Other components below reportable	e levels		2.5 - 10

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures	
Inhalation	If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	Aspiration may cause pulmonary edema and pneumonitis. Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

Suitable extinguishing media	Powder. Foam. Dry chemicals. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.
General fire hazards	Extremely flammable aerosol.

### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas.
Environmental precautions	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS. Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

### 7. Handling and storage

Precautions for safe handling	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid prolonged or repeated contact with skin. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Level 3 Aerosol.
	Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

### 8. Exposure controls/personal protection

#### **Occupational exposure limits**

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Туре	Value	
Cyclohexane (CAS 110-82-7)	PEL	1050 mg/m3	
		300 ppm	
Ethyl Alcohol (CAS 64-17-5)	PEL	1900 mg/m3	
		1000 ppm	
n-Heptane (CAS 142-82-5)	PEL	2000 mg/m3	
		500 ppm	
Octane (CAS 111-65-9)	PEL	2350 mg/m3	
		500 ppm	
Propane (CAS 74-98-6)	PEL	1800 mg/m3	
		1000 ppm	
ACGIH			
Components	Туре	Value	
Solvent Naphtha (petroleum), Light Aliph. (CAS 64742-89-8)	TWA	400 ppm	
US. ACGIH Threshold Limit Values	5		
Components	Туре	Value	
Butane (CAS 106-97-8)	STEL	1000 ppm	
Cyclohexane (CAS 110-82-7)	TWA	100 ppm	
Ethyl Alcohol (CAS 64-17-5)	STEL	1000 ppm	
n-Heptane (CAS 142-82-5)	STEL	500 ppm	
	TWA	400 ppm	
Octane (CAS 111-65-9)	TWA	300 ppm	
US. NIOSH: Pocket Guide to Chem	ical Hazards		
Components	Туре	Value	
Butane (CAS 106-97-8)	TWA	1900 mg/m3	
		800 ppm	
Cyclohexane (CAS	TWA	1050 mg/m3	
110-82-7)		-	
		300 ppm	
Ethyl Alcohol (CAS 64-17-5)	TWA	1900 mg/m3	
		1000 ppm	
Ethyl Alcohol (CAS 64-17-5) n-Heptane (CAS 142-82-5)	TWA Ceiling	1000 ppm 1800 mg/m3	
	Ceiling	1000 ppm 1800 mg/m3 440 ppm	
		1000 ppm 1800 mg/m3	

#### US. NIOSH: Pocket Guide to Chemical Hazards Components Type

Components	Туре	Value	
Octane (CAS 111-65-9)	Ceiling	1800 mg/m3	
		385 ppm	
	TWA	350 mg/m3	
		75 ppm	
Propane (CAS 74-98-6)	TWA	1800 mg/m3	
		1000 ppm	
Biological limit values	No biological exposure limits noted for th	e ingredient(s).	
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.		
Individual protection measures	, such as personal protective equipment		
Eye/face protection	Face shield is recommended. Wear safe	Face shield is recommended. Wear safety glasses with side shields (or goggles).	
Hand protection	Wear appropriate chemical resistant glov	/es.	
Skin protection			
Other	Wear appropriate chemical resistant clot	hing.	
Respiratory protection	If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.		
Thermal hazards	Wear appropriate thermal protective clot	hing, when necessary.	
General hygiene considerations		rve good personal hygiene measures, such as washing ting, drinking, and/or smoking. Routinely wash work nove contaminants.	

# 9. Physical and chemical properties

,	•
Appearance	
Physical state	Liquid.
Form	Aerosol.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	655 °F (346.11 °C) estimated
Flash point	-156.0 °F (-104.4 °C) Propellant estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	1.3 % estimated
Flammability limit - upper (%)	7 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	35.82 psig @70F estimated
Vapor density	Not available.
Relative density	0.505 g/cm3 estimated
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.

Auto-ignition temperature	636.84 °F (336.02 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	0.50 g/cm3 estimated
Flammability class	Flammable IB estimated
Heat of combustion	34.65 kJ/g estimated
Heat of combustion (NFPA 30B)	34.65 kJ/g estimated
Percent volatile	34.46 % estimated
Specific gravity	0.505 estimated
VOC (Weight %)	93.24 % estimated

## 10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Nitrates. Fluorine. Chlorine.
Hazardous decomposition products	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Inhalation	Not available.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Aspiration may cause pulmonary edema and pneumonitis. Direct contact with eyes may cause temporary irritation.

### Information on toxicological effects

Acute toxicity	May be fatal if swallowed and enters airways.

·····	- ,	
Components	Species	Test Results
Butane (CAS 106-97-8)		
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
Cyclohexane (CAS 110-82-7)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Inhalation		
LC50	Rat	> 32880 mg/m3, 4 Hours
		> 5540 ppm, 4 Hours

Components	Species	Test Results
Ethyl Alcohol (CAS 64-17-5)		
Acute		
Inhalation		
LC50	Cat	85.41 mg/l, 4.5 Hours
		43.68 mg/l, 6 Hours
	Mouse	> 60000 ppm
		79.43 mg/l, 134 Minutes
	Rat	> 115.9 mg/l, 4 Hours
		51.3 mg/l, 6 Hours
Oral		
LD50	Monkey	6000 mg/kg
	Mouse	10500 ml/kg
	Rat	1187 - 2769 mg/kg
		7800 ml/kg
n-Heptane (CAS 142-82-5)		5
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
Inhalation		
LC50	Rat	> 29.29 mg/l, 4 Hours
Octane (CAS 111-65-9)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
Inhalation		
LC50	Rat	> 24.88 mg/l, 4 Hours
Propane (CAS 74-98-6)		
Acute		
Inhalation	Maura	1007 mg/ 100 Minutes
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
		658 mg/l/4h
	Light Aliph. (CAS 64742-89-8)	
Acute		
Dermal	Dabbit	
LD50	Rabbit	> 1900 mg/kg, 24 Hours
Inhalation LC50	Rat	> 5020 mg/m3, 4 Hours
L030	Nat	
		> 4980 mg/m3
		> 4980 mg/m3, 4 Hours
		> 4.96 mg/l, 4 Hours
Oral	5.4	1000 #
LD50	Rat	4820 mg/kg
Synthetic Isoparaffinic Hydroc	arbon (CAS 64741-66-8)	
Acute		
<i>Dermal</i> LD50	Rabbit	> 1900 mg/kg, 24 Hours
2000		

	Species	Т	est Results
Inhalation			
LC50	Rat	>	5020 mg/m3, 4 Hours
		>	4980 mg/m3
		>	4980 mg/m3, 4 Hours
		>	4.96 mg/l, 4 Hours
Oral			
LD50	Rat	4	820 mg/kg
White Mineral Oil (CAS 8042-47-5	5)		
Acute			
Dermal			
LD50	Rabbit	>	2000 mg/kg, 24 Hours
Inhalation			
LC50	Rat	2	.18 mg/l, 4 Hours
* Estimates for product may t	be based on ad	ditional component data not shown.	
Skin corrosion/irritation	Prolonged sl	kin contact may cause temporary irritation.	
Serious eye damage/eye rritation	Direct contac	ct with eyes may cause temporary irritation.	
Respiratory or skin sensitizatio	n		
<b>Respiratory sensitization</b>	Not available	9.	
Skin sensitization	This product	is not expected to cause skin sensitization.	
Germ cell mutagenicity	No data avai mutagenic o	ilable to indicate product or any components r genotoxic.	s present at greater than 0.1% are
Carcinogenicity	This product	is not considered to be a carcinogen by IAF	RC, ACGIH, NTP, or OSHA.
OSHA Specifically Regulate Not listed.	ed Substances	s (29 CFR 1910.1001-1050)	
	Possible rep	roductive hazard.	
Reproductive toxicity Specific target organ toxicity - single exposure	Possible rep Not classifie		
Reproductive toxicity Specific target organ toxicity -	-	d.	
Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity -	Not classifie	d.	
Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure	Not classifier Not classifier May be fatal	d. d.	
Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard 12. Ecological information	Not classifie Not classifie May be fatal	d. d.	
Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard	Not classifie Not classifie May be fatal	d. d. if swallowed and enters airways.	Test Results
Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - epeated exposure Aspiration hazard 12. Ecological information Ecotoxicity	Not classifier Not classifier May be fatal <b>n</b> Toxic to aqu	d. d. if swallowed and enters airways. atic life with long lasting effects.	Test Results
Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - epeated exposure Aspiration hazard I2. Ecological information Ecotoxicity Components	Not classifier Not classifier May be fatal <b>n</b> Toxic to aqu	d. d. if swallowed and enters airways. atic life with long lasting effects. <b>Species</b>	
Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - epeated exposure Aspiration hazard I2. Ecological information Ecotoxicity Components Cyclohexane (CAS 110-82-7)	Not classifier Not classifier May be fatal <b>n</b> Toxic to aqu	d. d. if swallowed and enters airways. atic life with long lasting effects.	
Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - epeated exposure Aspiration hazard I2. Ecological information Ecotoxicity Components Cyclohexane (CAS 110-82-7) Aquatic	Not classifie Not classifie May be fatal <b>n</b> Toxic to aqu	d. d. if swallowed and enters airways. atic life with long lasting effects. <b>Species</b>	
Reproductive toxicity specific target organ toxicity - ingle exposure specific target organ toxicity - epeated exposure Aspiration hazard 2. Ecological information scotoxicity Components Cyclohexane (CAS 110-82-7) Aquatic Fish	Not classifie Not classifie May be fatal <b>n</b> Toxic to aqu	d. d. if swallowed and enters airways. atic life with long lasting effects. <b>Species</b>	
Reproductive toxicity specific target organ toxicity - ingle exposure specific target organ toxicity - epeated exposure aspiration hazard 2. Ecological information scotoxicity Components Cyclohexane (CAS 110-82-7) Aquatic Fish Ethyl Alcohol (CAS 64-17-5)	Not classifie Not classifie May be fatal <b>n</b> Toxic to aqu	d. d. if swallowed and enters airways. atic life with long lasting effects. <b>Species</b>	
Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - epeated exposure Aspiration hazard I2. Ecological information Ecotoxicity Components Cyclohexane (CAS 110-82-7) Aquatic Fish Ethyl Alcohol (CAS 64-17-5) Aquatic	Not classified Not classified May be fatal <b>n</b> Toxic to aqu	d. d. if swallowed and enters airways. atic life with long lasting effects. <b>Species</b> Fathead minnow (Pimephales promelas)	23.03 - 42.07 mg/l, 96 hours 7700 - 11200 mg/l, 48 hours
Reproductive toxicity Specific target organ toxicity - ingle exposure Specific target organ toxicity - epeated exposure Aspiration hazard I2. Ecological information Scotoxicity Components Cyclohexane (CAS 110-82-7) Aquatic Fish Ethyl Alcohol (CAS 64-17-5) Aquatic Crustacea	Not classifier Not classifier May be fatal <b>n</b> Toxic to aqu	d. d. if swallowed and enters airways. atic life with long lasting effects. <b>Species</b> Fathead minnow (Pimephales promelas) Water flea (Daphnia magna)	23.03 - 42.07 mg/l, 96 hours 7700 - 11200 mg/l, 48 hours
Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - epeated exposure Aspiration hazard 12. Ecological information Ecotoxicity Components Cyclohexane (CAS 110-82-7) Aquatic Fish Ethyl Alcohol (CAS 64-17-5) Aquatic Crustacea Fish	Not classifier Not classifier May be fatal <b>n</b> Toxic to aqu	d. d. if swallowed and enters airways. atic life with long lasting effects. <b>Species</b> Fathead minnow (Pimephales promelas) Water flea (Daphnia magna)	23.03 - 42.07 mg/l, 96 hours 7700 - 11200 mg/l, 48 hours
Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard <b>12. Ecological information</b> Ecotoxicity Components Cyclohexane (CAS 110-82-7) Aquatic Fish Ethyl Alcohol (CAS 64-17-5) Aquatic Crustacea Fish n-Heptane (CAS 142-82-5)	Not classifier Not classifier May be fatal <b>n</b> Toxic to aqu	d. d. if swallowed and enters airways. atic life with long lasting effects. <b>Species</b> Fathead minnow (Pimephales promelas) Water flea (Daphnia magna)	23.03 - 42.07 mg/l, 96 hours 7700 - 11200 mg/l, 48 hours
Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard <b>12. Ecological information</b> Ecotoxicity Components Cyclohexane (CAS 110-82-7 Aquatic Fish Ethyl Alcohol (CAS 64-17-5) Aquatic Crustacea Fish n-Heptane (CAS 142-82-5) Aquatic	Not classified Not classified May be fatal Toxic to aqu ) LC50 EC50 LC50	d. d. if swallowed and enters airways. atic life with long lasting effects. <b>Species</b> Fathead minnow (Pimephales promelas) Water flea (Daphnia magna) Fathead minnow (Pimephales promelas) Mozambique tilapia (Tilapia mossambica)	23.03 - 42.07 mg/l, 96 hours 7700 - 11200 mg/l, 48 hours > 100.1 mg/l, 96 hours

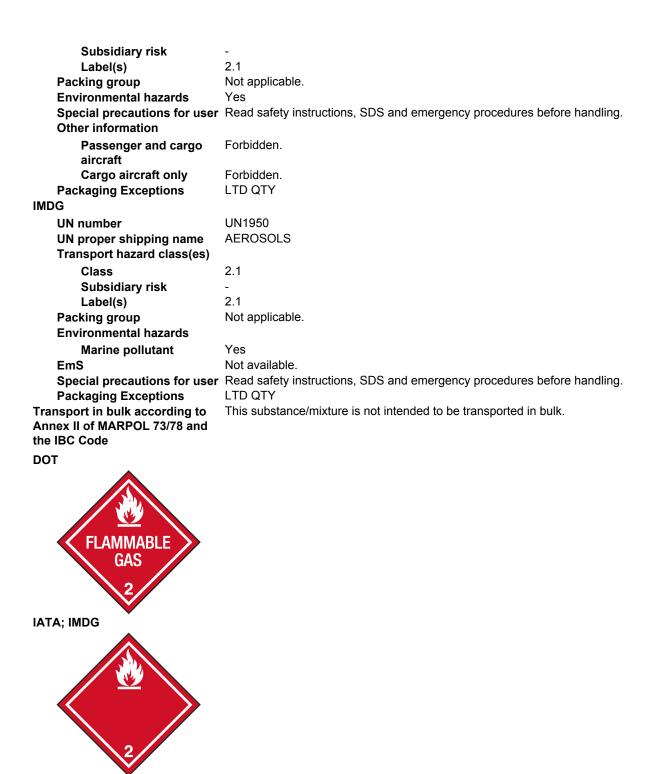
Components		Species	Test Results
Synthetic Isoparaffinic Hydro	carbon (CAS	64741-66-8)	
Aquatic			
Algae	IC50	Algae	30000 mg/L, 72 Hours
* Estimates for product may b	be based on	additional component data	a not shown.
Persistence and degradability	No data is	s available on the degrada	bility of this product.
Bioaccumulative potential	No data available.		
Partition coefficient n-octar	nol / water (	log Kow)	
Butane		2.89	
Cyclohexane		3.44 -0.3	
Ethyl Alcohol n-Heptane		-0.3 4.66	
Octane		5.18	
Propane		2.36	
Mobility in soil	No data a	available.	
Other adverse effects	No other potential,	adverse environmental effe endocrine disruption, glob	ects (e.g. ozone depletion, photochemical ozone creation al warming potential) are expected from this component.
13. Disposal consideratio	ns		
Disposal instructions	under pre sewers/w	essure. Do not puncture, in ater supplies. Do not conta . Dispose of contents/conta	aled containers at licensed waste disposal site. Contents cinerate or crush. Do not allow this material to drain into minate ponds, waterways or ditches with chemical or used ainer in accordance with local/regional/national/international
Local disposal regulations	Dispose i	n accordance with all appli	cable regulations.
Hazardous waste code	The wast disposal o		in discussion between the user, the producer and the waste
US RCRA Hazardous Waste	e U List: Re	ference	
Cyclohexane (CAS 110-	82-7)	U05	6
Waste from residues / unused products	product re		regulations. Empty containers or liners may retain some its container must be disposed of in a safe manner (see:
Contaminated packaging	Since em		o an approved waste handling site for recycling or disposal. n product residue, follow label warnings even after container is iners.
14. Transport information			
DOT			
UN number	UN1950		
UN proper shipping name Transport hazard class(es)		flammable	
Class	2.1		
Subsidiary risk			

Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Special precautions for use	r Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

### IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1



Marine pollutant



IMDG Regulated Marine Pollutant.

### 15. Regulatory information

S federal regulations	Standard, 29 CFR 1910		ed by the OSHA Hazard ntory List.	Communicat
TSCA Section 12(b) Ex	port Notification (40 CFR 707	', Subpt. D)		
Not regulated.				
	ubstance List (40 CFR 302.4)			
Cyclohexane (CAS		Listed.		
SARA 304 Emergency	release notification			
Not regulated. OSHA Specifically Reg Not listed.	ulated Substances (29 CFR 1	910.1001-1050)		
perfund Amendments ar	nd Reauthorization Act of 198	6 (SARA)		
Hazard categories	Immediate Hazard - Ye Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No			
SARA 302 Extremely h	azardous substance			
Not listed.				
SARA 311/312 Hazardo chemical	ous No			
SARA 313 (TRI reportir	ig)			
Chemical name		CAS number	% by wt.	
Cyclohexane		110-82-7	0.1 - 1 0.01 - 0.1	
Denzono				
Benzene Ethyl Benzene		71-43-2 100-41-4		
Ethyl Benzene		71-43-2 100-41-4	0.01 - 0.1	
Ethyl Benzene her federal regulations	ction 112 Hazardous Air Poll	100-41-4		
Ethyl Benzene her federal regulations Clean Air Act (CAA) Se Not regulated.	ction 112 Hazardous Air Poll ction 112(r) Accidental Relea	100-41-4 utants (HAPs) List	0.01 - 0.1	
Ethyl Benzene her federal regulations Clean Air Act (CAA) Se Not regulated. Clean Air Act (CAA) Se Butane (CAS 106-9 Propane (CAS 74-9	ction 112(r) Accidental Relea 7-8) 8-6)	100-41-4 utants (HAPs) List	0.01 - 0.1	
Ethyl Benzene her federal regulations Clean Air Act (CAA) Se Not regulated. Clean Air Act (CAA) Se Butane (CAS 106-9	ction 112(r) Accidental Relea 7-8) 8-6)	100-41-4 utants (HAPs) List	0.01 - 0.1	
Ethyl Benzene her federal regulations Clean Air Act (CAA) Se Not regulated. Clean Air Act (CAA) Se Butane (CAS 106-9 Propane (CAS 74-9 Safe Drinking Water Ac	ction 112(r) Accidental Relea 7-8) 8-6)	100-41-4 utants (HAPs) List	0.01 - 0.1	
Ethyl Benzene her federal regulations Clean Air Act (CAA) Se Not regulated. Clean Air Act (CAA) Se Butane (CAS 106-9 Propane (CAS 106-9 Propane (CAS 74-9 Safe Drinking Water Ac (SDWA)	rction 112(r) Accidental Relea 7-8) 8-6) ct Not regulated.	100-41-4 utants (HAPs) List	0.01 - 0.1	
Ethyl Benzene her federal regulations Clean Air Act (CAA) Se Not regulated. Clean Air Act (CAA) Se Butane (CAS 106-9 Propane (CAS 74-9 Safe Drinking Water Ac (SDWA) S state regulations US. Massachusetts RT Butane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS n-Heptane (CAS 14 Octane (CAS 111-6	Accidental Releat   7-8)   8-6)   ct Not regulated.   K - Substance List   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)	100-41-4 utants (HAPs) List	0.01 - 0.1	
Ethyl Benzene her federal regulations Clean Air Act (CAA) Se Not regulated. Clean Air Act (CAA) Se Butane (CAS 106-9 Propane (CAS 74-9 Safe Drinking Water Ac (SDWA) S state regulations US. Massachusetts RT Butane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS n-Heptane (CAS 111-6 Propane (CAS 74-9	Accidental Relea   7-8)   8-6)   ct Not regulated.   K - Substance List   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)	100-41-4 utants (HAPs) List ise Prevention (40 CFR	0.01 - 0.1	
Ethyl Benzene her federal regulations Clean Air Act (CAA) Se Not regulated. Clean Air Act (CAA) Se Butane (CAS 106-9 Propane (CAS 74-9 Safe Drinking Water Ac (SDWA) S state regulations US. Massachusetts RT Butane (CAS 106-9 Cyclohexane (CAS 14 Octane (CAS 111-6 Propane (CAS 74-9 US. New Jersey Worke Butane (CAS 106-9	Accidental Releation   7-8)   8-6)   ct Not regulated.   K - Substance List   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   r and Community Right-to-Kn   7-8)	100-41-4 utants (HAPs) List ise Prevention (40 CFR	0.01 - 0.1	
Ethyl Benzene her federal regulations Clean Air Act (CAA) Se Not regulated. Clean Air Act (CAA) Se Butane (CAS 106-9 Propane (CAS 14-9 Safe Drinking Water Act (SDWA) S state regulations US. Massachusetts RT Butane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS n-Heptane (CAS 14 Octane (CAS 111-6 Propane (CAS 14-9) US. New Jersey Worke Butane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS Ethyl Alcohol (CAS Ethyl Alcohol (CAS Ethyl Alcohol (CAS Ethyl Alcohol (CAS N-Heptane (CAS 14	Accidental Relea   7-8)   8-6)   ct Not regulated.   K - Substance List   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   r and Community Right-to-Ke   7-8)   110-82-7)   64-17-5)   2-82-5)   5-91   8-6)   r and Community Right-to-Ke   7-8)   110-82-7)   64-17-5)   2-82-5)	100-41-4 utants (HAPs) List ise Prevention (40 CFR	0.01 - 0.1	
Ethyl Benzene her federal regulations Clean Air Act (CAA) Se Not regulated. Clean Air Act (CAA) Se Butane (CAS 106-9 Propane (CAS 74-9 Safe Drinking Water Act (SDWA) S state regulations US. Massachusetts RT Butane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS n-Heptane (CAS 14 Octane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS n-Heptane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS Ethyl Alcohol (CAS Ethyl Alcohol (CAS Ethyl Alcohol (CAS N-Heptane (CAS 14 Octane (CAS 14 Octane (CAS 14	Accidental Relea   7-8)   8-6)   ct Not regulated.   K - Substance List   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   r and Community Right-to-Ku   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   r and Community Right-to-Ku   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)	100-41-4 utants (HAPs) List ise Prevention (40 CFR	0.01 - 0.1	
Ethyl Benzene her federal regulations Clean Air Act (CAA) Se Not regulated. Clean Air Act (CAA) Se Butane (CAS 106-9 Propane (CAS 74-9 Safe Drinking Water Act (SDWA) S state regulations US. Massachusetts RT Butane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS n-Heptane (CAS 14 Octane (CAS 106-9 Cyclohexane (CAS 14 Octane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS n-Heptane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS n-Heptane (CAS 14 Octane (CAS 111-6 Propane (CAS 111-6 Propane (CAS 74-9	Accidental Relea   7-8)   8-6)   ct Not regulated.   K - Substance List   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   r and Community Right-to-Ku   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)	100-41-4 utants (HAPs) List ise Prevention (40 CFR	0.01 - 0.1	
Ethyl Benzene her federal regulations Clean Air Act (CAA) Se Not regulated. Clean Air Act (CAA) Se Butane (CAS 106-9 Propane (CAS 74-9 Safe Drinking Water Act (SDWA) S state regulations US. Massachusetts RT Butane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS n-Heptane (CAS 14 Octane (CAS 111-6 Propane (CAS 74-9 US. New Jersey Worke Butane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS n-Heptane (CAS 14-0 Cyclohexane (CAS Ethyl Alcohol (CAS Ethyl Alcohol (CAS Ethyl Alcohol (CAS N-Heptane (CAS 14-0 Cyclohexane (CAS 14-0 Cyclohexane (CAS 14-0 Cotane (CAS 111-6 Propane (CAS 74-9 US. Pennsylvania World	Accidental Releat   7-8)   8-6)   ct Not regulated.   K - Substance List   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   r and Community Right-to-Kit   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   r and Community Right-to-Kit   64-17-5)   2-82-5)   5-9)   8-6)   cer and Community Right-to-	100-41-4 utants (HAPs) List ise Prevention (40 CFR	0.01 - 0.1	
Ethyl Benzene her federal regulations Clean Air Act (CAA) Se Not regulated. Clean Air Act (CAA) Se Butane (CAS 106-9 Propane (CAS 74-9 Safe Drinking Water Act (SDWA) S state regulations US. Massachusetts RT Butane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS n-Heptane (CAS 141-6 Propane (CAS 141-6 Propane (CAS 141-6 Propane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS n-Heptane (CAS 140-9) Cyclohexane (CAS 141-6 Propane (CAS 141-6 Propane (CAS 141-6 Propane (CAS 141-6 Propane (CAS 141-6 Propane (CAS 141-6 Propane (CAS 140-9) Cyclohexane (CAS 106-9 Cyclohexane (CAS 106-9) Cyclohexane (CAS 106-9) Cyclohexane (CAS 106-9)	Accidental Relea   7-8)   8-6)   ct Not regulated.   K - Substance List   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   r and Community Right-to-Kit   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   r and Community Right-to-Kit   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   cer and Community Right-to-   7-8)   110-82-7)	100-41-4 utants (HAPs) List ise Prevention (40 CFR	0.01 - 0.1	
Ethyl Benzene her federal regulations Clean Air Act (CAA) Se Not regulated. Clean Air Act (CAA) Se Butane (CAS 106-9 Propane (CAS 74-9 Safe Drinking Water Act (SDWA) S state regulations US. Massachusetts RT Butane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS n-Heptane (CAS 141-6 Propane (CAS 141-6 Propane (CAS 14-9) US. New Jersey Worke Butane (CAS 106-9) Cyclohexane (CAS Ethyl Alcohol (CAS n-Heptane (CAS 14 Octane (CAS 111-6 Propane (CAS 14 Octane (CAS 111-6 Propane (CAS 141-6) Propane (CAS 141-6) Propane (CAS 141-6) Propane (CAS 140-9) Cyclohexane (CAS Ethyl Alcohol (CAS	Accidental Relea   7-8)   8-6)   ct Not regulated.   K - Substance List   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   r and Community Right-to-Kit   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   r and Community Right-to-Kit   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   cer and Community Right-to-   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   cer and Community Right-to-   7-8)   110-82-7)   64-17-5)	100-41-4 utants (HAPs) List ise Prevention (40 CFR	0.01 - 0.1	
Ethyl Benzene her federal regulations Clean Air Act (CAA) Se Not regulated. Clean Air Act (CAA) Se Butane (CAS 106-9 Propane (CAS 74-9 Safe Drinking Water Act (SDWA) S state regulations US. Massachusetts RT Butane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS n-Heptane (CAS 141-6 Propane (CAS 141-6 Propane (CAS 141-6 Propane (CAS 106-9 Cyclohexane (CAS Ethyl Alcohol (CAS n-Heptane (CAS 140-9) Cyclohexane (CAS 141-6 Propane (CAS 141-6 Propane (CAS 141-6 Propane (CAS 141-6 Propane (CAS 141-6 Propane (CAS 141-6 Propane (CAS 140-9) Cyclohexane (CAS 106-9 Cyclohexane (CAS 106-9) Cyclohexane (CAS 106-9) Cyclohexane (CAS 106-9)	Accidental Relea   7-8)   8-6)   ct Not regulated.   K - Substance List   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   r and Community Right-to-Ku   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   r and Community Right-to-Ku   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   cer and Community Right-to-   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9)   8-6)   cer and Community Right-to-   7-8)   110-82-7)   64-17-5)   2-82-5)   5-9   8-6   7-8   110-82-7   64-17-5)   2-82-5)	100-41-4 utants (HAPs) List ise Prevention (40 CFR	0.01 - 0.1	

#### US. Rhode Island RTK

Butane (CAS 106-97-8) Cyclohexane (CAS 110-82-7) Propane (CAS 74-98-6)

#### US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

#### US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Benzene (CAS 71-43-2) Ethyl Benzene (CAS 100-41-4)	Listed: February 27, 1987 Listed: June 11, 2004				
US - California Proposition 65 - CRT: Listed					
Benzene (CAS 71-43-2)	Listed: December 26, 1997				
Toluene (CAS 108-88-3)	Listed: January 1, 1991				
US - California Proposition 65 - CRT: Listed	US - California Proposition 65 - CRT: Listed date/Female reproductive toxin				
Toluene (CAS 108-88-3)	Listed: August 7, 2009				
US California Proposition 65 CPT: Listed	date/Male reproductive toxin				

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin Benzene (CAS 71-43-2) Listed: December 26, 1997

#### **International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### 16. Other information, including date of preparation or last revision

Issue date	07-01-2014
Revision date	03-17-2015
Version #	02
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
Revision Information	Product and Company Identification: Alternate Trade Names Fire-fighting measures: Specific methods Accidental release measures: Environmental precautions Exposure controls/personal protection: Eye/face protection Toxicological information: Ingestion Toxicological information: Symptoms related to the physical, chemical and toxicological characteristics Transport Information: Material Transportation Information GHS: Classification