

# SAFETY DATA SHEET

## 1. Identification

Product number	100001331
Product identifier	11 OZ TERAND SIL LUBE SUPER DRY LB 12PK
Revision date	07-29-2015
Company information	CPC 1005 S. Westgate Drive Addison, IL 60101 United States
Company phone	General Assistance 800-327-1835
Emergency telephone US	1-866-836-8855
Emergency telephone outside US	1-952-852-4646
Version #	04
Supersedes date	05-26-2015
Recommended use	LUBRICANT
Recommended restrictions	None known.

## 2. Hazard(s) identification

Physical hazards	Flammable aerosols	Category 1
Health hazards	Skin corrosion/irritation	Category 2
	Reproductive toxicity (fertility, the unborn child)	Category 2
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 2
	Aspiration hazard	Category 1
OSHA defined hazards	Not classified.	

## Label elements



Signal word	Danger
Hazard statement	Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. Suspected of damaging the unborn child. Suspected of damaging fertility. May cause damage to organs through prolonged or repeated exposure.
Precautionary statement	
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Do not breathe gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
Storage	Store in a well-ventilated place. Keep container tightly closed. 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)	Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Propane		74-98-6	40 - 60
Heptane, branched, cyclic and linear		426260-76-6	10 - 20
Solvent Naphtha (Petroleum), Light Aliphatic		64742-89-8	10 - 20
Cyclohexane		110-82-7	2.5 - 10
n-Heptane		142-82-5	2.5 - 10
Toluene		108-88-3	2.5 - 10
n-Hexane		110-54-3	0.1 - 1
Other components below reportable	evels		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	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
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. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.
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	IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
5. Fire-fighting measures	
Suitable extinguishing media	Powder. 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

**Fire fighting** 

equipment/instructions

**Special protective equipment** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Move containers from fire area if you can do so without risk. 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 methodsUse standard firefighting procedures and consider the hazards of other involved materials. Move<br/>containers from fire area if you can do so without risk. Use water spray to cool unopened<br/>containers. In the event of fire and/or explosion do not breathe fumes.

During fire, gases hazardous to health may be formed.

General fire hazards Extremely flammable aerosol.

## 6. Accidental release measures

Personal precautions,	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear
protective equipment and	appropriate protective equipment and clothing during clean-up. Do not breathe gas. Do not touch
emergency procedures	damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate
5 71	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. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent entry into waterways, sewer, basements or confined areas. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
	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.
Environmental precautions	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	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Do not breathe gas. Avoid contact with eyes, skin, and clothing. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. 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. 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	
n-Heptane (CAS 142-82-5)	PEL	2000 mg/m3	
		500 ppm	
n-Hexane (CAS 110-54-3)	PEL	1800 mg/m3	
		500 ppm	
Propane (CAS 74-98-6)	PEL	1800 mg/m3	
		1000 ppm	
US. OSHA Table Z-2 (29 CFR 1910	.1000)		
Components	Туре	Value	
Toluene (CAS 108-88-3)	Ceiling	300 ppm	
	TWA	200 ppm	
US. ACGIH Threshold Limit Value	S		
Components	Туре	Value	
Cyclohexane (CAS 110-82-7)	TWA	100 ppm	
n-Heptane (CAS 142-82-5)	STEL	500 ppm	
	TWA	400 ppm	
n-Hexane (CAS 110-54-3)	TWA	50 ppm	
Toluene (CAS 108-88-3)	TWA	20 ppm	
US. NIOSH: Pocket Guide to Chen	nical Hazards		
Components	Туре	Value	
Cyclohexane (CAS 110-82-7)	TWA	1050 mg/m3	

## US. NIOSH: Pocket Guide to Chemical Hazards

Components	Туре	Value	
		300 ppm	
n-Heptane (CAS 142-82-5)	Ceiling	1800 mg/m3	
		440 ppm	
	TWA	350 mg/m3	
		85 ppm	
n-Hexane (CAS 110-54-3)	TWA	180 mg/m3	
		50 ppm	
Propane (CAS 74-98-6)	TWA	1800 mg/m3	
		1000 ppm	
Toluene (CAS 108-88-3)	STEL	560 mg/m3	
, , , ,		150 ppm	
	TWA	375 mg/m3	
		100 ppm	

## **Biological limit values**

## ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
n-Hexane (CAS 110-54-3)	0.4 mg/l	2,5-Hexanedio n, without hydrolysis	Urine	*
Toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*

\* - For sampling details, please see the source document.

## Exposure guidelines

US - California OELs: Skin de	esignation		
n-Hexane (CAS 110-54-3)	Can be absorbed through the skin.		
Toluene (CAS 108-88-3)	Can be absorbed through the skin.		
US - Minnesota Haz Subs: SI	kin designation applies		
Toluene (CAS 108-88-3)	Skin designation applies.		
US ACGIH Threshold Limit V	alues: Skin designation		
n-Hexane (CAS 110-54-3)	Can be absorbed through the skin.		
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. Eye wash facilities and emergency shower must be available when handling this product.		
Individual protection measures,	such as personal protective equipment		
Eye/face protection	Wear safety glasses with side shields (or goggles).		
Skin protection			
Hand protection	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.		
Other	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.		
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 clothing, when necessary.		
General hygiene considerations	Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.		
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## 9. Physical and chemical properties

## Appearance

Physical state	Gas.
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	-43.7 °F (-42.06 °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 expl	osive limits
Flammability limit - lower (%)	1.3 % estimated
Flammability limit - upper (%)	7.2 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	75 psig @70F estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Specific gravity	0.63 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.
Hazardous decomposition products	No hazardous decomposition products are known.

## 11. Toxicological information

## Information on likely routes of exposure

Inhalation	May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.
Skin contact	Causes skin irritation.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Symptoms related to the physical, chemical and toxicological characteristics	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Skin irritation. May cause redness and pain.

Acute toxicity	May be fatal if swallowed and enters air	
Components	Species	Test Results
Cyclohexane (CAS 110-82-7)		
<u>Acute</u> Dermal		
LD50	Rabbit	> 2000 mg/kg
Inhalation	(dobit	
LC50	Rat	> 32880 mg/m3, 4 Hours
		> 5540 ppm, 4 Hours
Oral		
LD50	Rabbit	> 5000 mg/kg
	Rat	> 5000 mg/kg
-Heptane (CAS 142-82-5)		0.0
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
Inhalation		
LC50	Rat	> 29.29 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg
-Hexane (CAS 110-54-3)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 4 Hours
		> 5 ml/kg, 4 Hours
Inhalation		5000
LC50	Rat	> 5000 ppm, 24 Hours
		> 31.86 mg/l
		73860 ppm, 4 Hours
Oral		04.551//55
LD50	Rat	24 ml/kg
		24 g/kg
	Wistar rat	49 g/kg
Propane (CAS 74-98-6)		
<u>Acute</u> Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
2000	Modee	52 %, 120 Minutes
	Rat	1355 mg/l
		658 mg/l/4h
olvont Nanhtha (Detroloum) 1	ight Aliphatic (CAS 64742 90 9)	000 mg///4m
<u>Acute</u>	ight Aliphatic (CAS 64742-89-8)	
Dermal		
	Rabbit	> 1900 mg/kg, 24 Hours
LD50		
LD50 Inhalation		
LD50 Inhalation LC50	Rat	> 5000 mg/m3, 4 Hours
Inhalation	Rat	> 5000 mg/m3, 4 Hours > 4980 mg/m3

Components	Species		Test Results	
			> 4.96 mg/l, 4 Hours	
Oral				
LD50	Rat		4820 mg/kg	
oluene (CAS 108-88-3)				
<u>Acute</u>				
Dermal	D. LL.			
LD50	Rabbit		> 5000 mg/kg, 24 Hours	
Inhalation LC50	Mauaa		6405 7426 ppm 6 Hours	
LC30	Mouse		6405 - 7436 ppm, 6 Hours	
	5 /		5320 ppm, 8 Hours	
	Rat		5879 - 6281 ppm, 6 Hours	
			25.7 mg/l, 4 Hours	
Oral	<b>D</b> /			
LD50	Rat		> 5000 mg/kg	
* Estimates for product may	be based on a	dditional component data not shown.		
kin corrosion/irritation	Causes ski			
Serious eye damage/eye rritation	Direct cont	act with eyes may cause temporary irri	tation.	
Respiratory or skin sensitizatio	on			
Respiratory sensitization	Not a respi	ratory sensitizer.		
Skin sensitization	This produ	ct is not expected to cause skin sensiti	zation.	
Germ cell mutagenicity		No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.		
Carcinogenicity	This produ	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.		
IARC Monographs. Overall	Evaluation o	f Carcinogenicity		
Toluene (CAS 108-88-3	,		as to carcinogenicity to humans.	
	ed Substance	es (29 CFR 1910.1001-1050)		
Not regulated. US. National Toxicology Pi Not listed.	rogram (NTP)	Report on Carcinogens		
Reproductive toxicity	Suspected	of damaging fertility. Suspected of dar	naging the unborn child.	
Specific target organ toxicity - single exposure	-	drowsiness and dizziness.		
Specific target organ toxicity - repeated exposure	May cause	damage to organs through prolonged	or repeated exposure.	
Aspiration hazard	May be fat	al if swallowed and enters airways.		
Chronic effects	-	damage to organs through prolonged	or repeated exposure.	
12. Ecological informatio				
Ecotoxicity	Toxic to aq	uatic life with long lasting effects.		
Components		Species	Test Results	
Cyclohexane (CAS 110-82-7	')			
Aquatic				
Fish	LC50	Fathead minnow (Pimephales pro	melas) 23.03 - 42.07 mg/l, 96 hours	
n-Heptane (CAS 142-82-5)				
Aquatic	1.055	••••••		
Fish	LC50	Mozambique tilapia (Tilapia	375 mg/l, 96 hours	

Components		Species	Test Results
n-Hexane (CAS 110-5	4-3)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales prom	elas) 2.101 - 2.981 mg/l, 96 hours
Toluene (CAS 108-88-	-3)		
Aquatic			
Algae	IC50	Algae	433.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia	7.645 mg/L, 48 Hours
		Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours

\* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

## **Bioaccumulative potential**

Partition coefficient n-o	octanol / water (log Kow)	
Cyclohexane		3.44
n-Heptane		4.66
n-Hexane		3.9
Propane		2.36
Toluene		2.73
Mobility in soil	No data available.	
- · · · · ·		

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

## 14. Transport information

DOT	
UN number	UN1950
UN proper shipping name	Aerosols, flammable, (each not exceeding 1 L capacity)
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Special precautions for user	• Read safety instructions, SDS and emergency procedures before handling. 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.

#### ΙΑΤΑ

ΙΑΤΑ	
UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	Yes
ERG Code	10L
	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.
Packaging Exceptions	LTD QTY
IMDG	
UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	None
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	Yes
EmS	F-D, S-U
	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Packaging Exceptions	LTD QTY
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
DOT	
FLAMMABLE GAS	

IATA; IMDG



#### Marine pollutant



DOT Regulated Marine Pollutant. IMDG Regulated Marine Pollutant.

## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

## TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

	· · · ·		··· /	
	Not regulated.			
	<b>CERCLA Hazardous Substa</b>	nce List (40 CFR 302.4)		
	Cyclohexane (CAS 110-8	32-7)	Listed.	
	n-Hexane (CAS 110-54-3	3)	Listed.	
	Toluene (CAS 108-88-3)		Listed.	
	SARA 304 Emergency relea	se notification		
	Not regulated.			
	OSHA Specifically Regulate	d Substances (29 CFR 1910.	1001-1050)	
	Not regulated.			
Su	perfund Amendments and Re	authorization Act of 1986 (S	ARA)	
	Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No		
	SARA 302 Extremely hazard	dous substance		
	Not listed.			
	SARA 311/312 Hazardous chemical	No		
	SARA 313 (TRI reporting)			
	Chemical name		CAS number	% by wt.
			CAS number 110-82-7	<mark>% by wt.</mark> 2.5 - 10
	Chemical name Cyclohexane Toluene			
	Cyclohexane		110-82-7	2.5 - 10
Oth	Cyclohexane Toluene		110-82-7 108-88-3	2.5 - 10 2.5 - 10
Oth	Cyclohexane Toluene n-Hexane er federal regulations	n 112 Hazardous Air Pollutan	110-82-7 108-88-3 110-54-3	2.5 - 10 2.5 - 10
Oth	Cyclohexane Toluene n-Hexane er federal regulations Clean Air Act (CAA) Section n-Hexane (CAS 110-54-3 Toluene (CAS 108-88-3)	3)	110-82-7 108-88-3 110-54-3 ts (HAPs) List	2.5 - 10 2.5 - 10 0.1 - 1
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Oth	Cyclohexane Toluene n-Hexane er federal regulations Clean Air Act (CAA) Section n-Hexane (CAS 110-54-3 Toluene (CAS 108-88-3) Clean Air Act (CAA) Section Propane (CAS 74-98-6) Safe Drinking Water Act (SDWA) Drug Enforcement Adm Chemical Code Number Toluene (CAS 108-8	3) n 112(r) Accidental Release F Not regulated. ninistration (DEA). List 2, Ess r 8-3)	110-82-7 108-88-3 110-54-3 ts (HAPs) List Prevention (40 CFR sential Chemicals (2 6594	2.5 - 10 2.5 - 10 0.1 - 1 68.130) 21 CFR 1310.02(b) and 1310.04(f)(2) and
Oth	Cyclohexane Toluene n-Hexane er federal regulations Clean Air Act (CAA) Section n-Hexane (CAS 110-54-3 Toluene (CAS 108-88-3) Clean Air Act (CAA) Section Propane (CAS 74-98-6) Safe Drinking Water Act (SDWA) Drug Enforcement Adm Chemical Code Number Toluene (CAS 108-8	3) n 112(r) Accidental Release F Not regulated. ninistration (DEA). List 2, Ess r 8-3)	110-82-7 108-88-3 110-54-3 ts (HAPs) List Prevention (40 CFR sential Chemicals (2 6594	2.5 - 10 2.5 - 10 0.1 - 1 68.130)
Oth	Cyclohexane Toluene n-Hexane er federal regulations Clean Air Act (CAA) Section n-Hexane (CAS 110-54-3 Toluene (CAS 108-88-3) Clean Air Act (CAA) Section Propane (CAS 74-98-6) Safe Drinking Water Act (SDWA) Drug Enforcement Adm Chemical Code Number Toluene (CAS 108-8	<ul> <li>3)</li> <li>n 112(r) Accidental Release F</li> <li>Not regulated.</li> <li>ninistration (DEA). List 2, Ess</li> <li>8-3)</li> <li>ninistration (DEA). List 1 &amp; 2</li> </ul>	110-82-7 108-88-3 110-54-3 ts (HAPs) List Prevention (40 CFR sential Chemicals (2 6594	2.5 - 10 2.5 - 10 0.1 - 1 68.130) 21 CFR 1310.02(b) and 1310.04(f)(2) and
Oth	Cyclohexane Toluene n-Hexane er federal regulations Clean Air Act (CAA) Section n-Hexane (CAS 110-54-3 Toluene (CAS 108-88-3) Clean Air Act (CAA) Section Propane (CAS 74-98-6) Safe Drinking Water Act (SDWA) Drug Enforcement Adm Chemical Code Number Toluene (CAS 108-8 Drug Enforcement Adm	<ul> <li>A 112(r) Accidental Release F</li> <li>Not regulated.</li> <li>Aninistration (DEA). List 2, Ess</li> <li>8-3)</li> <li>Aninistration (DEA). List 1 &amp; 2</li> <li>8-3)</li> </ul>	110-82-7 108-88-3 110-54-3 ts (HAPs) List Prevention (40 CFR Sential Chemicals (2 6594 Exempt Chemical M	2.5 - 10 2.5 - 10 0.1 - 1 68.130) 21 CFR 1310.02(b) and 1310.04(f)(2) and

## **US state regulations**

- US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100) Not listed.
- US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

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n-Hexane (CAS 110-54-3)
Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8)
Toluene (CAS 108-88-3)
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## **US. Massachusetts RTK - Substance List**

Cyclohexane (CAS 110-82-7) n-Heptane (CAS 142-82-5) n-Hexane (CAS 110-54-3) Propane (CAS 74-98-6) Toluene (CAS 108-88-3)

#### US. New Jersey Worker and Community Right-to-Know Act

Cyclohexane (CAS 110-82-7) n-Heptane (CAS 142-82-5) n-Hexane (CAS 110-54-3) Propane (CAS 74-98-6) Toluene (CAS 108-88-3)

## US. Pennsylvania Worker and Community Right-to-Know Law

Cyclohexane (CAS 110-82-7) n-Heptane (CAS 142-82-5) n-Hexane (CAS 110-54-3) Propane (CAS 74-98-6) Toluene (CAS 108-88-3)

## US. Rhode Island RTK

Cyclohexane (CAS 110-82-7) n-Hexane (CAS 110-54-3) Propane (CAS 74-98-6) Toluene (CAS 108-88-3)

## **US. California Proposition 65**

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

## US - California Proposition 65 - CRT: Listed date/Developmental toxin

Toluene (CAS 108-88-3)

Listed: January 1, 1991

## International Inventories

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

Toxic Substances Control Act (TSCA) Inventory United States & Puerto Rico

\*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	04-30-2015
Revision date	07-29-2015

Version #	04
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.
<b>Revision information</b>	Product and Company Identification: Alternate Trade Names