SAFETY DATA SHEET

1. Identification

Product number	1000024167
Product identifier	SILI LUBE
Company information	HARPER SUPPLY LLC. 7924 CAMP BOWIE WEST BLVD FORT WORTH, TX 76116 United States
Company phone	General Assistance 817-529-1091
Emergency telephone US	1-800-535-5053
Emergency telephone outside US	1-352-323-3500
Version #	01
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
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. Causes skin irritation. May cause drowsiness or dizziness. Suspected of damaging fertility. Suspected of damaging the unborn child. 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. 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. Specific treatment (see this label). Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage.
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)	None known.
Supplemental information	None.

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
Naphtha (petroleum), Hydrotreated Heavy		64742-48-9	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 level	s		1 - 2.5

*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	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	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Aspiration may cause pulmonary edema and pneumonitis. 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	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. 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,	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of
protective equipment and	low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe
emergency procedures	gas. 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. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. 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. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Pregnant or breastfeeding women must not handle this product. 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	
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	
		300 ppm	
n-Heptane (CAS 142-82-5)	Ceiling	1800 mg/m3	
		440 ppm	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Туре	Value	
		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

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 designation Can be absorbed through the skin. 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: Skin designation applies Skin designation applies. Toluene (CAS 108-88-3) Skin designation applies. US ACCIH Threshold Limit Values: Skin designation Can be absorbed through the skin. n-Hexane (CAS 110-54-3) Can be absorbed through the skin. Appropriate engineering 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 to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product. Individual protection measures. Skin gengency Kear appropriate chemical resistant gloves. Skin protection Mear appropriate chemical resistant clothing. Use of an impervious apron is recommended. Skin protection If permissible levels are explicit curve values values values values value	Exposure guidennes			
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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	Not available.
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 (%)	7.2 % 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	
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.
Chamical stability	Material is stable under normal conditions

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

Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
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.
Symptoms related to the physical, chemical and toxicological characteristics	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Aspiration may cause pulmonary edema and pneumonitis. Skin irritation. May cause redness and pain.
1.6	

Information on toxicological effects

Acute toxicity

In high concentrations, vapors are anesthetic and may cause headache, fatigue, dizziness and central nervous system effects. May be fatal if swallowed and enters airways. Narcotic effects.

Species	Test Results
Rabbit	> 2000 mg/kg
Rat	> 32880 mg/m3, 4 Hours
	> 5540 ppm, 4 Hours
ed Heavy (CAS 64742-48-9)	
Dabbit	
Raddit	> 1900 mg/kg, 24 Hours
Rat	> 5020 mg/m3, 4 Hours
	> 4980 mg/m3
	> 4980 mg/m3, 4 Hours
	> 4.96 mg/l, 4 Hours
Rat	4820 mg/kg
Rabbit	> 2000 mg/kg, 24 Hours
Rat	> 29.29 mg/l, 4 Hours
Raddit	> 2000 mg/kg, 4 Hours
	> 5 ml/kg, 4 Hours
Rat	> 5000 ppm, 24 Hours
	> 31.86 mg/l
	73860 ppm, 4 Hours
Rat	24 ml/kg
	24 g/kg
Wistar rat	49 g/kg
Mouse	1237 mg/l, 120 Minutes
	52 %, 120 Minutes
Rat	1355 mg/l
	658 mg/l/4h
aht Aliphatic (CAS 64742-89-8)	5
,	
Rabbit	> 1900 mg/kg, 24 Hours
	Mouse

Components	Species	Test 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	4820 mg/kg
oluene (CAS 108-88-3)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg, 24 Hours
Inhalation		
LC50	Mouse	6405 - 7436 ppm, 6 Hours
		5320 ppm, 8 Hours
	Rat	5879 - 6281 ppm, 6 Hours
		12.5 - 28.8 mg/l, 4 Hours
Oral		12.0 20.0 mg/l, 4 110013
LD50	Rat	5000 mg/kg
2200		
* Estimates for product may b	e based on additional component data not sho	own.
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye rritation	Direct contact with eyes may cause tempora	ary irritation.
Respiratory or skin sensitization	1	
Respiratory sensitization	Not available.	
Skin sensitization	This product is not expected to cause skin s	sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Carcinogenicity	This product is not considered to be a carcir	nogen by IARC, ACGIH, NTP, or OSHA.
	Evaluation of Carcinogenicity	
Toluene (CAS 108-88-3)	-3) 3 Not classifiable as to carcinogenicity to humans.	
Not listed.	d Substances (29 CFR 1910.1001-1050)	
Reproductive toxicity	Suspected of damaging the unborn child. Su	uspected of damaging fertility
Specific target organ toxicity -	May cause drowsiness and dizziness.	depended of damaging formity.
single exposure		
Specific target organ toxicity - epeated exposure	Respiratory system. Skin. Kidneys. Central organs through prolonged or repeated expo	nervous system. Eyes. Liver. May cause damage to sure.
Aspiration hazard	May be fatal if swallowed and enters airway	S.
Chronic effects	May cause damage to organs through prolo	
		Sector processing and a sector of the sector
12. Ecological information		
Ecotoxicity	Toxic to aquatic life with long lasting effects.	
Components	Species	Test Results
Cyclohexane (CAS 110-82-7)		
Aquatic		
Fish	LC50 Fathead minnow (Pimephale	es promelas) 23.03 - 42.07 mg/l, 96 hours
n-Heptane (CAS 142-82-5)		
Aquatic		
Lieb	LOCO Mananahimun tilania (Tilania	275 mg/L OC hours

Mozambique tilapia (Tilapia mossambica)

LC50

Fish

375 mg/l, 96 hours

Components		Species	Test Results
n-Hexane (CAS 110-54-3)			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	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 b	be based on a	additional component data not shown.	
rsistence and degradability	No data is	available on the degradability of this product.	
accumulative potential	No data av	vailable.	
Partition coefficient n-octai	nol / water (le	og Kow)	
Cyclohexane		3.44	
n-Heptane		4.66	
n-Hexane Propane		3.9 2.36	
Toluene		2.73	
bility in soil	No data av	/ailable.	
ner 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.		
. Disposal consideratio	ns		
posal instructions	under pres sewers/wa	d reclaim or dispose in sealed containers at lic ssure. Do not puncture, incinerate or crush. Do ter supplies. Do not contaminate ponds, water Dispose of contents/container in accordance v	not allow this material to drain into ways or ditches with chemical or use

	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.

US RCRA Hazardous Waste U List: Reference

Cyclohexane (CAS 110-8 Toluene (CAS 108-88-3)	2-7) U056 U220
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	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

14. Transport information

0	1	
	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.
Cargo aircraft only	Allowed.
Packaging Exceptions	LTD QTY
IMDG	
UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	Yes
EmS	F-D, S-U
Special precautions for user	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	Not applicable.
Annex II of MARPOL 73/78 and	
the IBC Code	
DOT	
FLAMMABLE GAS	

IATA; IMDG



Marine pollutant



IMDG Regulated Marine Pollutant.

15. Regulatory information

15. Regulatory information			
US federal regulations	This product is a "Hazardo Standard, 29 CFR 1910.12 All components are on the	00.	ed by the OSHA Hazard Communication ntory List.
TSCA Section 12(b) Expor	t Notification (40 CFR 707, S	ubpt. D)	
Not regulated.			
CERCLA Hazardous Subs	tance List (40 CFR 302.4)		
Cyclohexane (CAS 110-82-7)		Listed.	
n-Hexane (CAS 110-54-3)		Listed. Listed.	
Toluene (CAS 108-88-3) SARA 304 Emergency release notification		Listed.	
Not regulated.			
	ted Substances (29 CFR 191	0.1001-1050)	
Not listed.	·	,	
Superfund Amendments and F	Reauthorization Act of 1986 (SARA)	
Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No		
SARA 302 Extremely haza	rdous substance		
Not listed.			
SARA 311/312 Hazardous chemical	No		
SARA 313 (TRI reporting)			
SARA 313 (TRI reporting) Chemical name		CAS number	% by wt.
		CAS number 110-82-7	% by wt. 2.5 - 10
Chemical name Cyclohexane Toluene		110-82-7 108-88-3	2.5 - 10 2.5 - 10
Chemical name Cyclohexane		110-82-7	2.5 - 10
Chemical name Cyclohexane Toluene		110-82-7 108-88-3	2.5 - 10 2.5 - 10
Chemical name Cyclohexane Toluene n-Hexane Other federal regulations	on 112 Hazardous Air Polluta	110-82-7 108-88-3 110-54-3	2.5 - 10 2.5 - 10
Chemical name Cyclohexane Toluene n-Hexane Other federal regulations Clean Air Act (CAA) Section n-Hexane (CAS 110-54	-3)	110-82-7 108-88-3 110-54-3	2.5 - 10 2.5 - 10
Chemical name Cyclohexane Toluene n-Hexane Other federal regulations Clean Air Act (CAA) Section n-Hexane (CAS 110-54 Toluene (CAS 108-88-33)	-3) 3)	110-82-7 108-88-3 110-54-3 nts (HAPs) List	2.5 - 10 2.5 - 10 0.1 - 1
Chemical name Cyclohexane Toluene n-Hexane Other federal regulations Clean Air Act (CAA) Section n-Hexane (CAS 110-54 Toluene (CAS 108-88-3 Clean Air Act (CAA) Section	-3) ³⁾ on 112(r) Accidental Release	110-82-7 108-88-3 110-54-3 nts (HAPs) List	2.5 - 10 2.5 - 10 0.1 - 1
Chemical name Cyclohexane Toluene n-Hexane Other federal regulations Clean Air Act (CAA) Section n-Hexane (CAS 110-54 Toluene (CAS 108-88-3 Clean Air Act (CAA) Section Propane (CAS 74-98-6)	-3) 5) on 112(r) Accidental Release	110-82-7 108-88-3 110-54-3 nts (HAPs) List	2.5 - 10 2.5 - 10 0.1 - 1
Chemical name Cyclohexane Toluene n-Hexane Other federal regulations Clean Air Act (CAA) Section n-Hexane (CAS 110-54 Toluene (CAS 108-88-3 Clean Air Act (CAA) Section Propane (CAS 74-98-6) Safe Drinking Water Act (SDWA)	-3) b n 112(r) Accidental Release Not regulated.	110-82-7 108-88-3 110-54-3 nts (HAPs) List Prevention (40 CFR	2.5 - 10 2.5 - 10 0.1 - 1 68.130)
Chemical name Cyclohexane Toluene n-Hexane Other federal regulations Clean Air Act (CAA) Section n-Hexane (CAS 110-54 Toluene (CAS 108-88-3 Clean Air Act (CAA) Section Propane (CAS 74-98-6) Safe Drinking Water Act (SDWA)	-3) on 112(r) Accidental Release Not regulated. ministration (DEA). List 2, E	110-82-7 108-88-3 110-54-3 nts (HAPs) List Prevention (40 CFR	2.5 - 10 2.5 - 10 0.1 - 1
Chemical name Cyclohexane Toluene n-Hexane Other federal regulations Clean Air Act (CAA) Section n-Hexane (CAS 110-54 Toluene (CAS 108-88-3 Clean Air Act (CAA) Section Propane (CAS 74-98-6) Safe Drinking Water Act (SDWA) Drug Enforcement Ad Chemical Code Numb Toluene (CAS 108-	-3) pon 112(r) Accidental Release Not regulated. ministration (DEA). List 2, Es er -88-3)	110-82-7 108-88-3 110-54-3 nts (HAPs) List Prevention (40 CFR ssential Chemicals (6594	2.5 - 10 2.5 - 10 0.1 - 1 68.130) 21 CFR 1310.02(b) and 1310.04(f)(2) and
Chemical name Cyclohexane Toluene n-Hexane Other federal regulations Clean Air Act (CAA) Section n-Hexane (CAS 110-54 Toluene (CAS 108-88-3 Clean Air Act (CAA) Section Propane (CAS 74-98-6) Safe Drinking Water Act (SDWA) Drug Enforcement Ad Chemical Code Numb Toluene (CAS 108- Drug Enforcement Ad	-3) on 112(r) Accidental Release Not regulated. ministration (DEA). List 2, Es er -88-3) ministration (DEA). List 1 & 2	110-82-7 108-88-3 110-54-3 nts (HAPs) List Prevention (40 CFR ssential Chemicals (6594	2.5 - 10 2.5 - 10 0.1 - 1 68.130)
Chemical name Cyclohexane Toluene n-Hexane Other federal regulations Clean Air Act (CAA) Section n-Hexane (CAS 110-54 Toluene (CAS 108-88-3 Clean Air Act (CAA) Section Propane (CAS 74-98-6) Safe Drinking Water Act (SDWA) Drug Enforcement Ad Chemical Code Numb Toluene (CAS 108- Drug Enforcement Ad Toluene (CAS 108-	-3) on 112(r) Accidental Release Not regulated. ministration (DEA). List 2, Es er -88-3) ministration (DEA). List 1 & 2 -88-3)	110-82-7 108-88-3 110-54-3 nts (HAPs) List Prevention (40 CFR ssential Chemicals (6594	2.5 - 10 2.5 - 10 0.1 - 1 68.130) 21 CFR 1310.02(b) and 1310.04(f)(2) and
Chemical name Cyclohexane Toluene n-Hexane Other federal regulations Clean Air Act (CAA) Section n-Hexane (CAS 110-54 Toluene (CAS 108-88-3 Clean Air Act (CAA) Section Propane (CAS 74-98-6) Safe Drinking Water Act (SDWA) Drug Enforcement Ad Chemical Code Numb Toluene (CAS 108- Drug Enforcement Ad Toluene (CAS 108-	-3) pn 112(r) Accidental Release Not regulated. ministration (DEA). List 2, Es er -88-3) ministration (DEA). List 1 & 2 -88-3) I Mixtures Code Number	110-82-7 108-88-3 110-54-3 nts (HAPs) List Prevention (40 CFR sential Chemicals (6594 Exempt Chemical I	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. 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
US - California Proposition 65 - CRT: Lis	ted date/Female reproductive toxin
Toluene (CAS 108-88-3)	Listed: August 7, 2009

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

*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	07-29-2015
Version #	01
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.