



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1714	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	MOLY-LUB	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol AntiSeize Lubricant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION:

Flammable aerosols: Category 1
Acute toxicity, inhalation: Category 4
Skin corrosion/irritation: Category 2
Serious eye damage/eye irritation: Category 2A
Sensitization, skin: Category 1
Carcinogenicity: Category 2
Reproductive toxicity: 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.

SIGNAL WORD:

DANGER

SYMBOL:



HAZARD STATEMENTS:

Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS:

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. Contaminated work clothing must not be allowed out of the workplace. 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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF EXPOSED OR CONCERNED: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: 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.

HAZARDS NOT OTHERWISE SPECIFIED:

None known.

SUPPLEMENTAL INFORMATION:

None.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
Acetone	67-64-1	20-40
Butane	106-97-8	20-40
Naphtha, (Petroleum), Hydrotreated Light	64742-49-8	10-20
Propane	74-98-6	10-20
Magnesium Silicate	14807-96-6	2.5-10
n-Heptane	142-82-5	2.5-10
Toluene	108-88-3	2.5-10
Isopropyl Alcohol	67-63-0	1-2.5
Methyl Ethyl Ketoxime	96-29-7	0.1-1
Other components below reportable levels		10-20

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

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: 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. Wash contaminated clothing before reuse.

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

SKIN: Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

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.

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. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. 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.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Alcohol resistant foam. Powder. Carbon dioxide (CO₂).

UNSUITABLE FIRE 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. During fire, gases hazardous to health may be formed.

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

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

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

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 appropriate protective equipment and clothing during cleanup. Do not breathe 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. 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 discharge into drains, watercourses or onto the ground.

7. Handling and Storage

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 reuse empty containers. Do not breathe gas. Avoid contact with eyes, skin and clothing. Avoid prolonged exposure. 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. Observe good industrial hygiene practices.

SAFE STORAGE & 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	TYPE	VALUE
Acetone (CAS 67-64-1)	PEL	2400 mg/m ³ 1000 ppm
Isopropyl Alcohol (CAS 67-63-0)	PEL	980 mg/m ³ 400 ppm
n-Heptane (CAS 142-82-5)	PEL	2000 mg/m ³ 500 ppm

Propane (CAS 74-98-6)	PEL	1800 mg/m ³ 1000 ppm	
US. OSHA Table Z-2 (29 CFR 1910.1000)			
COMPONENTS		TYPE	VALUE
Toluene (CAS 108-88-3)	Ceiling	300 ppm	
	TWA	200 ppm	
US. OSHA Table Z-3 (29 CFR 1910.1000)			
COMPONENTS		TYPE	VALUE
Magnesium Silicate (CAS 14807-96-6)		0.3 mg/m ³	Total dust.
		0.1 mg/m ³	Respirable.
		20 mppcf	
		2.4 mppcf	Respirable.
US. ACGIH Threshold Limit Values			
COMPONENTS		TYPE	VALUE
Acetone (CAS 67-64-1)	STEL	500 ppm	
	TWA	250 ppm	
Butane (CAS 106-97-8)	STEL	1000 ppm	
Isopropyl Alcohol (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	
Magnesium Silicate (CAS 14807-96-6)	TWA	2 mg/m ³	Respirable fraction.
n-Heptane (CAS 142-82-5)	STEL	500 ppm	
	TWA	400 ppm	
Toluene (CAS 108-88-3)	TWA	20 ppm	
US. NIOSH: Pocket Guide to Chemical Hazards			
COMPONENTS		TYPE	VALUE
Acetone (CAS 67-64-1)		590 mg/m ³	
		250 ppm	
Butane (CAS 106-97-8)		1900 mg/m ³	
		800 ppm	
Isopropyl Alcohol (CAS 67-63-0)		1225 mg/m ³	
		500 ppm	
		980 mg/m ³	
		400 ppm	
Magnesium Silicate (CAS 14807-96-6)	TWA	2 mg/m ³	Respirable.
n-Heptane (CAS 142-82-5)	Ceiling	1800 mg/m ³	
		440 ppm	
	TWA	350 mg/m ³	
		85 ppm	
Propane (CAS 74-98-6)		1800 mg/m ³	
		1000 ppm	
Toluene (CAS 108-88-3)		560 mg/m ³	
		150 ppm	
	TWA	375 mg/m ³	
		100 ppm	
US. Workplace Environmental Exposure Level (WEEL) Guides			
COMPONENTS		TYPE	VALUE
Methyl Ethyl Ketoxime (CAS 96-29-7)		36 mg/m ³	
		10 ppm	
BIOLOGICAL LIMIT VALUE:			
ACGIH Biological Exposure Indices			
Components	Value	Determinant	Specimen
Acetone (CAS 67-64-1)	25 mg/l	Acetone	Urine
Isopropyl Alcohol (CAS 67-63-0)	40 mg/l	Acetone	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
			Sampling Time
			*
			*
			*
			*
* - For sampling details, please see the source document.			
EXPOSURE GUIDELINES			
US - California OELs: Skin designation			
Toluene (CAS 108-88-3)	Can be absorbed through the skin.		
US - Minnesota Haz Subs: Skin designation applies			
Toluene (CAS 108-88-3)	Skin designation applies.		

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. Eyewash facilities and emergency shower must be available when handling this product.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

Eye Protection: Wear safety glasses with side shields (or goggles).

Skin Protection: Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. 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. Contaminated work clothing should not be allowed out of the workplace.

9. Physical & Chemical Properties

Appearance:	Gas	Flammability(solid/gas):	Not available
Physical State:	Gas	Flammability Limit-lower (%):	1.9% estimated
Form:	Aerosol	Flammability Limit-upper (%):	10.1% estimated
Color:	Not available	Explosive Limit - lower (%):	Not available
Odor:	Not available	Explosive Limit - upper (%):	Not available
Odor Threshold:	Not available	Vapor Pressure:	50 psig @ 70°F estimated
pH:	Not available	Vapor Density:	Not available
Melting/Freezing Point:	Not available	Relative Density:	Not available
Initial Boiling Point/Range:	157.92°F (69.96°C) estimated	Solubility (water):	Not available
Partition Coeff (n-octanol/water):	Not available	Auto-Ignition Temperature:	500°F (260°C) estimated
Viscosity:	Not available	Decomposition Temperature:	Not available
Specific Gravity:	0.441 estimated	Flash Point:	-156.0°F (-104.4°C) Propellant estimated
Evaporation Rate:	Not available	Explosive Properties:	Not explosive
Oxidizing Properties:	Not oxidizing		

10. Stability & Reactivity Information**REACTIVITY:**

The product is stable and nonreactive 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.

INCOMPATIBLE MATERIALS:

Strong oxidizing agents. Fluorine. Chlorine. Nitrates.

CONDITIONS TO AVOID:

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

HAZARDOUS DECOMPOSITION PRODUCTS:

No hazardous decomposition products are known.

11. Toxicological Information**PRIMARY ROUTE OF ENTRY:**

EYES: Causes serious eye irritation.

SKIN: Causes skin irritation. May cause an allergic skin reaction.

INHALATION: May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.

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. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

ACUTE TOXICITY:

May be fatal if swallowed and enters airways. Narcotic effects. May cause an allergic skin reaction.

COMPONENTS	SPECIES	TEST RESULTS
Acetone (CAS 67-64-1)		
Acute		
<i>Dermal</i>		
LD50	Guinea pig	> 7426 mg/kg, 24 Hours
	Rabbit	> 9.4 ml/kg, 24 Hours
		> 7426 mg/kg, 24 Hours
		> 9.4 ml/kg, 24 Hours

<i>Inhalation</i> LC50	Rat	55700 ppm, 3 Hours 132 mg/l, 3 Hours 50.1 mg/l
<i>Oral</i> LD50	Rat	5800 mg/kg 2.2 ml/kg
Butane (CAS 106-97-8) Acute <i>Inhalation</i> LC50	Mouse	1237 mg/l, 120 Minutes 52%, 120 Minutes
	Rat	1355 mg/l
Isopropyl Alcohol (CAS 67-63-0) Acute <i>Dermal</i> LD50	Rabbit	16.4 ml/kg, 24 Hours
<i>Inhalation</i> LC50	Rat	>10000 ppm, 6 Hours
<i>Oral</i> LD50	Rat	5.84 g/kg
Methyl Ethyl Ketoxime (CAS 96-29-7) Acute <i>Dermal</i> LD50	Rabbit	> 1000 mg/kg, 24 Hours 0.2 - 2 ml/kg, 24 Hours
<i>Inhalation</i> LC50	Rat	> 10.5 mg/l, 8 Hours > 4.83 mg/l, 4 Hours
<i>Oral</i> LD50	Rat	> 900 mg/kg
Naphtha, (Petroleum), Hydrotreated Light (CAS 64742-49-0) Acute <i>Dermal</i> LD50	Guinea pig; Rabbit	>9.4 ml/kg, 24 Hours >1900 mg/kg, 24 Hours
<i>Inhalation</i> LC50	Rat	>5000 mg/m ³ , 4 Hours >4980 mg/m ³ >4980 mg/m ³ , 4 Hours >4.96 mg/l, 4 Hours 13700 ppm, 4 Hours
<i>Oral</i> LD50	Rat	4820 mg/kg
n-Heptane (CAS 142-82-5) Acute <i>Dermal</i> LD50	Rabbit	> 2000 mg/kg, 24 Hours
<i>Inhalation</i> LC50	Rat	> 29.29 mg/l, 4 Hours
<i>Oral</i> LD50	Rat	>5000 mg/kg
Propane (CAS 74-98-6) Acute <i>Inhalation</i> LC50	Mouse	1237 mg/l, 120 Minutes 52%, 120 Minutes
	Rat	1355 mg/l 658 mg/l/4h
Toluene (CAS 108-88-3) Acute <i>Dermal</i> LD50	Rabbit	> 5000 mg/kg, 24 Hours
<i>Inhalation</i> LC50	Mouse	6405 - 7436 ppm, 6 Hours 5320 ppm, 8 Hours
	Rat	5879 - 6281 ppm, 6 Hours 25.7mg/l, 4 Hours
<i>Oral</i> LD50	Rat	>5000 mg/kg

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

SKIN CORROSION/IRRITATION:

Causes skin irritation.

SERIOUS EYE DAMAGE/IRRITATION:

Causes serious eye irritation.

RESPIRATORY SENSITIZATION:

Not a respiratory sensitizer.

SKIN SENSITIZATION:

May cause an allergic skin reaction.

GERM CELL MUTAGENICITY:

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

CARCINOGENICITY:

Suspected of causing cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

Magnesium Silicate (CAS 14807-96-6)

2B Possibly carcinogenic to humans.

3 Not classifiable as to carcinogenicity to humans.

3 Not classifiable as to carcinogenicity to humans.

Toluene (CAS 108-88-3)

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not regulated.**US. National Toxicology Program (NTP) Report on Carcinogens:** Not listed.**REPRODUCTIVE TOXICITY:**

Suspected of damaging fertility or the unborn child.

SPECIFIC TARGET ORGAN TOXICITY (single exposure):

May cause drowsiness and dizziness.

SPECIFIC TARGET ORGAN TOXICITY (repeated exposures):

May cause damage to organs through prolonged or repeated exposure.

ASPIRATION HAZARD:

May be fatal if swallowed and enters airways.

CHRONIC EFFECTS:

May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

12. Ecological Information**ECOTOXICITY:**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

PRODUCT	SPECIES		TEST RESULTS
MOLY-LUB			
Aquatic			
Algae	IC50	Algae	18961.4961 mg/L, 72 Hours estimated
Crustacea	EC50	Daphnia	8935.6123 mg/l, 48 Hours estimated
Fish	LC50	Fish	25.7594 mg/l, 96 Hours estimated
COMPONENTS			
Acetone (CAS 67-64-1)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Isopropyl Alcohol (CAS 67-63-0)			
Aquatic			
Algae	IC50	Algae	1000.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia	13299 mg/L, 48 Hours
Fish	LC50	Bluegill (Lepomis macrochirus)	>1400 mg/l, 96 hours
Methyl Ethyl Ketoxime (CAS 96-29-7)			
Aquatic			
Algae	IC50	Algae	83 mg/L, 72 Hours
Crustacea	EC50	Daphnia	750 mg/L, 48 Hours
Fish	LC50	Fathead minnow (Pimephales promelas)	777 - 914 mg/l, 96 hours
n-Heptane (CAS 142-82-5)			
Aquatic			
Fish	LC50	Mozambique tilapia (Tilapia mossambica)	375 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
Fish	LC50	Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours
		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-octanol / water (log Kow)			
Acetone	-0.24		
Butane	2.89		
Isopropyl Alcohol	0.05		
n-Heptane	4.66		
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 Consideration**DISPOSAL INSTRUCTIONS:**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. 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 reuse empty containers.

14. Transportation Information**DOT:** 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.**SPECIAL PRECAUTIONS FOR USER:** Read safety instructions, SDS and emergency procedures before handling.**SPECIAL PROVISIONS:** N82**PACKAGING EXCEPTIONS:** 306**PACKAGING NON BULK:** None.**PACKAGING BULK:** None.**IATA:** 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**SPECIAL PRECAUTIONS FOR USER:** 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**SPECIAL PRECAUTIONS FOR USER:** 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.

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.**CERCLA Hazardous Substance List (40 CFR 302.4)**

Acetone (CAS 67-64-1) Listed.

Toluene (CAS 108-88-3) Listed.

SARA 304 Emergency release notification: Not regulated.**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):** Not regulated.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT of 1986 (SARA):**Hazard categories:** Immediate Hazard – Yes.

Delayed Hazard – Yes.

Fire Hazard - Yes.

Pressure Hazard – No.

Reactivity Hazard – No.

SARA 302 Extremely hazardous substance: Not listed.**SARA 311/312 Hazardous chemical:** No.**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.
Toluene	108-88-3	2.5 - 10

OTHER FEDERAL REGULATIONS**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List:**

Toluene (CAS 108-88-3)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA): Not regulated.**Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number:**

Acetone (CAS 67-64-1) 6532

Toluene (CAS 108-88-3) 6594

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c)):

Acetone (CAS 67-64-1) 35% WV

Toluene (CAS 108-88-3) 35% WV

DEA Exempt Chemical Mixtures Code Number:

Acetone (CAS 67-64-1) 6532

Toluene (CAS 108-88-3) 594

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)):**

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Isopropyl Alcohol (CAS 67-63-0)

Magnesium Silicate (CAS 14807-96-6)

Naphtha, (Petroleum), Hydrotreated Light (CAS 64742-49-0)

Toluene (CAS 108-88-3)

US. Massachusetts RTK - Substance List:

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Isopropyl Alcohol (CAS 67-63-0)

Magnesium Silicate (CAS 14807-96-6)

n-Heptane (CAS 142-82-5)

Propane (CAS 74-98-6)

Toluene (CAS 108-88-3)

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

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Isopropyl Alcohol (CAS 67-63-0)

Magnesium Silicate (CAS 14807-96-6)

n-Heptane (CAS 142-82-5)

Propane (CAS 74-98-6)

Toluene (CAS 108-88-3)

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

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Isopropyl Alcohol (CAS 67-63-0)

Magnesium Silicate (CAS 14807-96-6)

n-Heptane (CAS 142-82-5)

Propane (CAS 74-98-6)

Toluene (CAS 108-88-3)

US. Rhode Island RTK:

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Isopropyl Alcohol (CAS 67-63-0)

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/Carcinogenic substance:**

Benzene (CAS 71-43-2) Listed: February 27, 1987

Ethyl Benzene (CAS 100-41-4) Listed: June 11, 2004

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

Benzene (CAS 71-43-2) Listed: December 26, 1997

Ethylene Glycol (CAS 107-21-1) Listed: June 19, 2015

Toluene (CAS 108-88-3) Listed: January 1, 1991

US - California Proposition 65 - CRT: Listed date/ Male reproductive toxin:

Benzene (CAS 71-43-2)

Listed: December 26, 1997

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**DISCLAIMER:**

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.