

Moly- D

SDS Number: A299A

Revision Date: 11/29/2018

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
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Product Identifier: Moly- D
SDS Number: A299A
Product Code: A299
Revision Date: 11/29/2018
Product Use: Film Lubricant & Coating

Emergency Telephone Number:
 INFOTRAC
 1-800-535-5053

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

- Physical, Flammable Aerosols, 1
- Physical, Gases Under Pressure, Liquefied Gas
- Health, Aspiration hazard, 1
- Health, Skin sensitization, 1
- Health, Serious Eye Damage/Eye Irritation, 2 A
- Health, Specific target organ toxicity - Single exposure, 3
- Health, Carcinogenicity, 2
- Health, Reproductive toxicity, 2
- Health, Specific target organ toxicity - Repeated exposure, 2
- Environmental, Hazards to the aquatic environment - Acute, 2
- Environmental, Hazards to the aquatic environment - Chronic, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

- H222 - Extremely flammable aerosol
- H280 - Contains gas under pressure; may explode if heated
- H304 - May be fatal if swallowed and enters airways
- H317 - May cause an allergic skin reaction
- H319 - Causes serious eye irritation
- H336 - May cause drowsiness or dizziness
- H351 - Suspected of causing cancer
- H361 - Suspected of damaging fertility or the unborn child.
- H373 - May cause damage to organs (state all organs affected, if known) through prolonged or repeated exposure.
- H401 - Toxic to aquatic life
- H411 - Toxic to aquatic life with long lasting effects

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GHS Precautionary Statements:

- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P211 - Do not spray on an open flame or other ignition source.
- P251 - Pressurized container: Do not pierce or burn, even after use.
- P260 - Do not breathe gas.
- P264 - Wash thoroughly after handling.
- P271 - Use only outdoors or in a well-ventilated area.
- P272 - Contaminated work clothing should not be allowed out of the workplace.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P302+352 - IF ON SKIN: Wash with plenty of soap and water.
- P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P308+313 - IF exposed or concerned: Get medical advice/attention.
- P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
- P321 - Specific treatment (see this label).
- P331 - Do NOT induce vomiting.
- P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.
- P337 - If eye irritation persists: Get medical advice/attention.
- P362 - Take off contaminated clothing and wash before reuse.
- P403+233 - Store in a well ventilated place. Keep container tightly closed.
- P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
- P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

- Route of Entry:** Ingestion, Inhalation, skin absorption, eye
- Inhalation:** May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.
- Skin Contact:** May cause an allergic skin reaction.
- Eye Contact:** Causes serious eye irritation.
- Ingestion:** Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
67-64-1	20-40%	Acetone
106-97-8	20-40%	Butane
64742-49-0	10-20%	Naphtha, petroleum, hydrotreated light
14807-96-6	2.5-10%	Magnesium Silicate
64741-65-7	2.5-10%	Naphtha, petroleum, heavy alkylate
142-82-5	2.5-10%	Heptane
74-98-6	2.5-10%	Propane
108-88-3	2.5-10%	Toluene
67-63-0	1-2.5%	Isopropyl alcohol
96-29-7	0.1-1%	Methyl ethyl ketoxime

Other components below reportable levels 2.5 - 10%

4 FIRST AID MEASURES

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- 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 immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
- Eye Contact:** 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.
- Ingestion:** Not likely, due to the form of the product. 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. 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.

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. Wash contaminated clothing before reuse.

5

FIRE FIGHTING MEASURES

- Flammability:** Extremely Flammable
- Flash Point:** -156.0 °F (-104.4 °C) Propellant estimated
- Autoignition Temp:** 520.37 °F (271.32 °C) estimated

Suitable extinguishing media: Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing: None known.

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.

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: In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. 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. Cool containers exposed to flames with water until well after the fire is out. In the event of fire and/or explosion do not breathe fumes.

General fire hazards Extremely flammable aerosol. Contents under pressure. Pressurized container may explode when exposed to heat or flame.

6

ACCIDENTAL RELEASE MEASURES

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. Emergency personnel need self-contained breathing equipment. 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.

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

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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.

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
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Handling Precautions: 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. Close valve after each use and when empty. Protect cylinders from physical damage; do not drag, roll, slide, or drop. When moving cylinders, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport cylinders. Suck back of water into the container must be prevented. Do not allow backfeed into the container. Purge air from system before introducing gas. Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Contact your gas supplier if in doubt. 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.

Storage Requirements: Level 3 Aerosol (NFPA 30B)

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 in a well-ventilated place. Cylinders should be stored upright, with valve protection cap in place, and firmly secured to prevent falling or being knocked over. Stored containers should be periodically checked for general condition and leakage. Store away from incompatible materials (see Section 10 of the SDS).

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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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. Provide eyewash station.

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/m3 1000 ppm	
Isopropyl Alcohol (CAS 67-63-0)	PEL	980mg/m3 400ppm	
n-Heptane (CAS 142-82-5)	PEL	2000 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	Type	Value	

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Toluene (CAS 108-88-3)	Ceiling TWA	300 ppm 200 ppm	
US. OSHA Table Z-3 (29 CFR 1910.1000) Components	Type	Value	Form
Magnesium Silicate (CAS 14807-96-6)	TWA	0.3 mg/m3 0.1 mg/m3 20 mppcf 2.4 mppcf	Total dust. Respirable. Respirable.
US. ACGIH Threshold Limit Values Components	Type	Value	Form
Acetone (CAS 67-64-1)	STEL TWA	500 ppm 250 ppm	
Butane (CAS 106-97-8)	STEL	1000 ppm	
Isopropyl Alcohol (CAS 67-63-0)	STEL TWA	400 ppm 200 ppm	
Magnesium Silicate (CAS 14807-96-6) fraction.	TWA	2 mg/m3	Respirable
n-Heptane (CAS 142-82-5)	STEL TWA	500 ppm 400 ppm	
Toluene (CAS 108-88-3)	TWA	20 ppm	
US. NIOSH: Pocket Guide to Chemical Hazards Components	Type	Value	Form
Acetone (CAS 67-64-1)	TWA	590 mg/m3 250 ppm	
Butane (CAS 106-97-8)	TWA	900 mg/m3 800ppm	
Isopropyl Alcohol (CAS 67-63-0)	STEL TWA	1225 mg/m3 500 ppm 980 mg/m3 400 ppm	
Magnesium Silicate (CAS 14807-96-6) n-Heptane (CAS 142-82-5)	TWA Ceiling	2 mg/m3 1800 mg/m3 440 ppm	Respirable.
Propane (CAS 74-98-6)	TWA	350 mg/m3 85 ppm 1800 mg/m3 1000 ppm	
Toluene (CAS 108-88-3)	STEL TWA	560 mg/m3 150 ppm 375 mg/m3 100 ppm	
US. Workplace Environmental Exposure Level (WEEL) Guides Components	Type	Value	
Methyl Ethyl Ketoxime (CAS 96-29-7)	TWA	36 mg/m3 10 ppm	

Personal Protective Equipment:

Respiratory Protection: If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air supplied respirator.

Skin Protection: Chemical resistant gloves if hand contact will be made. Suitable gloves can be recommended by the glove supplier.

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

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Wear appropriate thermal protective clothing, when necessary.

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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 AND CHEMICAL PROPERTIES
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Appearance:	Aerosol. Compressed gas.	Odor:	Not available
Physical State:	Gas	Flash Point:	-156.0 °F (-104.4 °C) Propellant estimated
Spec Grav./Density:	0.754 estimated	Vapor Density:	Not available
Boiling Point:	174.15 °F (78.97 °C) estimated	VOC:	67.27%
Vapor Pressure:	45 - 55 psig @20C estimated	Auto-Ignition Temp:	520.37 °F (271.32 °C) estimated
pH:	Not available	UFL/LFL:	1.8% / 9.9% estimated

Heat of combustion (NFPA30B)
33.45 kJ/g estimated

10	STABILITY AND REACTIVITY
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Reactivity:	Stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Material is stable under normal conditions.
Conditions to Avoid:	Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Materials to Avoid:	Strong oxidizing agents. Nitrates. Fluorine. Chlorine.
Hazardous Decomposition:	No hazardous decomposition products are known.
Hazardous Polymerization:	Does not occur.

11	TOXICOLOGICAL INFORMATION
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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	May cause an allergic skin reaction.
Eye contact	Causes serious eye 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. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

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

Acute toxicity:

Data summary for the components are as follows:

Acetone (67-64-1)

Acute

Dermal	LD50 >7426 mg/kg, 24 hours (Guinea pig)
	LD50 >9.4 ml/kg, 24 hours (Guinea pig)
	LD50 >7426 mg/kg, 24 hours (Rabbit)
	LD50 >9.4 ml/kg, 24 hours (Rabbit)
Inhalation	LC50 55700 ppm, 3 hours (Rat)
	LC50 132 mg/l, 3 hours (Rat)
	LC50 50.1 mg/l (Rat)

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Oral LD50 5800 mg/kg (Rat)
 LD50 2.2 ml/kg (Rat)

Butane (106-97-8)
 Inhalation LC50 1237 mg/l, 120 minutes (Mouse)
 LC50 52%, 120 minutes (Mouse)
 LC50 1355 mg/l (Rat)

Isopropyl Alcohol (CAS 67-63-0)

Acute
Dermal LD50 16.4 ml/kg, 24 Hours (Rabbit)
Inhalation LC50 > 10000 ppm, 6 Hours (Rat)
Oral LD50 5.84 g/kg (Rat)

Methyl ethyl ketoxime (96-29-7)

Acute
Dermal LD50 >1000 mg/kg, 24 hrs (Rabbit)
 LD50 0.2-2 ml/kg, 4 hrs (Rabbit)
Inhalation LC50 >10.5 mg/l, 8 hrs (Rat)
 LC50 >4.83 mg/l, 4 hrs (Rat)
Oral LD50 >900 mg/kg (Rat)

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

Acute
Dermal LD50 > 9.4 ml/kg, 24 Hours (Guinea pig; Rabbit)
 LD 50 > 1900 mg/kg, 24 Hours (Rabbit)
Inhalation LC50 > 5000 mg/m3, 4 Hours (Rat)
 LC50 > 4980 mg/m3 (Rat)
 LC50 > 4980 mg/m3, 4 Hours (Rat)
 LC50 > 4.96 mg/l, 4 Hours (Rat)
 LC50 13700 ppm, 4 Hours (Rat)
Oral LD50 4820 mg/kg (Rat)

Heptane (142-82-5)

Acute
Dermal LD50 >2000 mg/kg, 4 hrs. (Rabbit)
Inhalation LC50 >29.29 mg/l, 4 hrs (Rat)

Propane (74-98-6)

Inhalation LC50 1237 mg/l, 120 mins. (Mouse)
 LC50 52%, 120 mins. (Mouse)
 LC50 1355 mg/l (Rat)
 LC50 658 mg/l, 4 h (Rat)

Toluene (108-88-3)

Dermal LD50 >5000 mg/kg, 24 hrs (Rabbit)
Inhalation LC50 6405-7436 ppm, 6 hrs (Mouse)
 LC50 5320 ppm, 8 hrs (Mouse)
 LC50 5879-6281 ppm, 6 hrs (Rat)
 LC50 25.7 mg/l 4 hrs (Rat)
Oral LD50 >5000 mg/kg (Rat)

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitization

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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.

Toluene (CAS 108-88-3)

3 Not classifiable as to carcinogenicity to humans.

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. Suspected of damaging the unborn child.

Specific target organ toxicity -single exposure

May cause drowsiness and dizziness.

Specific target organ toxicity - repeated exposure

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 exposure may cause chronic effects.

12	ECOLOGICAL INFORMATION
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Toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

Ecotoxicity:

Data summary for the components are as follows:

Acetone (67-64-1)

Aquatic

Crustacea EC50 21.6-23.9 mg/l, 48 hrs water flea (Daphnia magna)

Fish LC50 4740-6330 mg/l, 96 hrs Rainbow trout, donaldson trout (Oncorhynchus mykiss)

Isopropyl Alcohol (CAS 67-63-0)

Aquatic

Algae IC50 1000.0001 mg/L, 72 Hours (Algae)

Crustacea EC50 13299 mg/L, 48 Hours (Daphnia)

Fish LC50 > 1400 mg/l, 96 hours (Bluegill (Lepomis macrochirus)

Methyl ethyl ketoxime (96-29-7)

Aquatic

Algae IC50 83 mg/L, 72 hrs Algae

Crustacea EC50 750 mg/L, 48 hrs Daphnia

Fish LC50 777-914 mg/l, 96 hrs Fathead minnow (Pimephales promelas)

Naphtha (petroleum), Heavy Alkylate (CAS 64741-65-7)

Aquatic

Algae IC50 30000 mg/L, 72 Hours (Algae)

Heptane (142-82-5)

Aquatic

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Fish LC50 375 mg/l, 96 hrs Mozambique tilapia (Tilapia mossambica)

Toluene (108-88-3)

Aquatic

Algae IC50 433.0001 mg/L, 72 hrs (Algae)

Crustacea EC50 7.645 mg/L, 48 hrs (Daphnia)

EC50 5.46-9.83 mg/l, 48 hrs water flea (Daphnia magna)

Fish LC50 8.11 mg/l, 96 hrs, Coho salmon, silver salmon (Oncorhynchus kisutch)

No data is available on the degradability of this product.

No data is available on the bioaccumulative potential of this product.

Partition coefficient n-octanol / water (log Kow)

Acetone -0.24

Butane 2.89

Isopropyl Alcohol 0.05

Heptane 4.66

Propane 2.36

Toluene 2.73

No data on the mobility in soil.

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

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.

Dispose in accordance with all applicable regulations.

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

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).

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.

Special provisions N82

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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 on both and may be displayed concurrently.

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 Allowed with restrictions
 Aircraft
 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 AnnexII of MARPOL 73/78 and the IBC Code Not applicable.

General Information:

IMDG Regulated Marine Pollutant. DOT Regulated Marine Pollutant. Avoid transport on vehicles where the load space is not separated from the driver's compartment. Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency. Before transporting product containers: Ensure that containers are firmly secured. Ensure cylinder valve is closed and not leaking. Ensure valve outlet cap nut or plug (where provided) is correctly fitted. Ensure valve protection device (where provided) is correctly fitted. Ensure adequate ventilation. Ensure compliance with applicable regulations.

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Component (CAS#) [%] - CODES

RQ(5000LBS), Acetone (67-64-1) [20-40%] CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, TOXICRCRA, TSCA, TXAIR, TXHWL

Butane (106-97-8) [20-40%] MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

Naphtha, petroleum, hydrotreated light (64742-49-0) [10-20%] TSCA

Magnesium silicate (14807-96-6) [2.5-10%] MASS, OSHAWAC, PA, TSCA, TXAIR

Naphtha, petroleum, heavy alkylate (64741-65-7) [2.5-10%] TSCA

Heptane (142-82-5) [2.5-10%] MASS, OSHAWAC, PA, TSCA, TXAIR

Propane (74-98-6) [2.5-10%] MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

RQ(1000LBS), Toluene (108-88-3) [2.5-10%] CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

Isopropyl alcohol (67-63-0) [1-2.5%] MASS, NJHS, NRC, OSHAWAC, PA, TSCA, TXAIR

Methyl ethyl ketoxime (96-29-7) [0.1-1%] TSCA, TXAIR

Regulatory CODE Descriptions

RQ = Reportable Quantity
 CERCLA = Superfund clean up substance
 HAP = Hazardous Air Pollutants
 MASS = MA Massachusetts Hazardous Substances List
 NJHS = NJ Right-to-Know Hazardous Substances
 OSHAWAC = OSHA workplace Air Contaminants
 PA = PA Right-To-Know List of Hazardous Substances
 TOXICRCRA = RCRA Toxic Hazardous wastes (U-List)
 TSCA = Toxic Substances Control Act
 TXAIR = TX Air Contaminants with Health Effects Screening Level
 TXHWL = TX Hazardous waste List
 CSWHS = Clean Water Act Hazardous substances
 EPCRAWPC = EPCRA Water Priority Chemicals
 GADSL = Global Automotive Declarable Substance List (GADSL)
 PRIPOL = Clean Water Act Priority Pollutants
 PROP65 = CA Prop 65
 SARA313 = SARA 313 Title III Toxic Chemicals
 TOXICPOL = Clean Water Act Toxic Pollutants
 NRC = Nationally Recognized Carcinogens

16	OTHER INFORMATION
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We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as carcinogen or potential carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal Data only
 N/A = Not available N/D = Not determined

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