# SAFETY DATA SHEET.

Issuing date 01-Aug-2018 Revision Date 01-Aug-2018 Version 1

# 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name MS-1042 MOLY DRY

Recommended use of the chemical

and restrictions on use

Product code F03885

Product Type Extremely Flammable Aerosol

Synonyms None

Supplier's details

Recommended Use Dry Moly Lubricant.
Uses advised against No information available

Manufactured For: Manufacturer

Mark Supply, Inc.
P.O. Box 1451
Venice, FL 34285
American Jetway Corporation
34136 Myrtle Street
Wayne, MI 48184-0126
Phone:(734) 721-5930

Emergency telephone number

**Chemical Emergency Phone** 

Number

Company Emergency Phone

Number

CHEMTREC: 1-800-424-9300

1-941-485-8199

## 2. HAZARDS IDENTIFICATION

#### Classification

Serious eye damage/eye irritation	Category 2
Reproductive Toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable aerosols	Category 1
Gases under pressure	Compressed Gas

# GHS Label elements, including precautionary statements

#### **Emergency Overview**

#### DANGER

#### **Hazard Statements**

Causes serious eye irritation.

Suspected of damaging fertility or the unborn child

May cause respiratory irritation. May cause drowsiness or dizziness.

May cause damage to organs (Eyes, skin, Respiratory System, Central Nervous System, Liver, and Kidneys) through prolonged or repeated exposure.

May be fatal if swallowed and enters airways.

Extremely Flammable Aerosol

Contains gas under pressure; may explode if heated



Appearance Opaque Physical state Aerosol Odor Solvent

#### **Precautionary Statements - Prevention**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves, protective clothing, eye protection, face protection.

Wash face, hands and any exposed skin thoroughly after handling.

Do not breathe dust, fume, gas, mist, vapors, spray.

Use only outdoors or in a well-ventilated area.

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.

## **Precautionary Statements - Response**

If exposed or concerned: Get medical advice, attention.

IF IN EYES:Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice, attention

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor, physician if you feel unwell.

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IF SWALLOWED: Immediately call a POISON CENTER, doctor, physician. Do NOT induce vomiting.

#### **Precautionary Statements - Storage**

Store locked up.

Store in a well-ventilated place. Keep container tightly closed.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

#### **Precautionary Statements - Disposal**

Dispose of contents, container to an approved waste disposal plant.

## Hazards not otherwise classified (HNOC)

None

#### Other information

0.0000398% of the mixture consists of ingredient(s) of unknown toxicity.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %*
ACETONE	67-64-1	30-40
TOLUENE	108-88-3	30-40
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	20-30
ISOPROPYL ALCOHOL	67-63-0	1-10
MOLYBDENUM DISULFIDE	1317-33-5	0.1-1.0
XYLENE	1330-20-7	<0.1
ETHYL BENZENE	100-41-4	<0.1
BENZENE	71-43-2	<0.1

<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

#### First aid measures for different exposure routes

**General advice** Avoid contact with eyes, skin, and clothing. Avoid breathing vapors, mist, or gas.

Eye contact Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove

any contact lenses and continue flushing. If eye irritation persists, consult a doctor.

**Skin contact** Wash off with soap and plenty of water. Remove and wash contaminated clothing before

re-use. If skin irritation persists, call a physician.

**Inhalation** Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped,

contact emergency medical services immediately.

Ingestion Call a physician or Poison Control Center immediately. Do NOT induce vomiting. Never

give anything by mouth to an unconscious person. Risk of product entering the lungs on

vomiting after ingestion.

#### Most important symptoms/effects, acute and delayed

Main Symptoms Causes eye irritation. May cause skin and respiratory irritation . Harmful and may be fatal

if swallowed and enters airways.

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#### Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

# 5. FIRE-FIGHTING MEASURES

#### **Suitable Extinguishing Media**

Water fog.Dry chemical. Foam.Carbon dioxide (CO2). Cool containers/tanks with water spray.

Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter and spread fire. .

#### Specific hazards arising from the chemical

Extremely Flammable / Flammable. Keep product and empty container away from heat and sources of ignition.

#### **Explosion Data**

Sensitivity to Mechanical Impact none. Sensitivity to Static Discharge Yes.

#### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use shielding to protect fire-fighters from bursting containers. In the event of fire and/or explosion do not breathe fumes.

## 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

Personal precautions

Use with adequate ventiliation to keep the exposure levels below the OELS.

**Environmental precautions** 

Environmental precautions Vapors can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Do

not allow material to contaminate ground water system. Prevent product from entering

drains. Report spills as required by local and federal regulations.

#### Methods and materials for containment and cleaning up

Methods for Containment Absorb or cover with dry earth, sand or other non-combustible material and transfer to

containers Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Soak up with inert absorbent material. Contain liquid and collect with an inter,

non-combustible material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly . After cleaning, flush away traces with water. Prevent product from entering drains. Take precautionary measures against static discharges.

## 7. HANDLING AND STORAGE

#### Precautions for safe handling

Advice on safe handling Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not

puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. Avoid skin contact. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such

as electric motors and batteries. Do not spray on hot surfaces.

#### Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces, and sources of ignition. Keep in properly labeled containers. Keep out

of the reach of children. Store locked up.

**Incompatible products** Strong acids, alkalis, oxidizing agents.

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Aerosol Level

3

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

# Control parameters

**Exposure Guidelines** 

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
ACETONE 67-64-1	STEL: 500 ppm TWA: 250 ppm	TWA: 1000 ppm TWA: 2400 mg/m³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m³ (vacated) STEL: 2400 mg/m³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m³
TOLUENE 108-88-3	TWA: 20 ppm	TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m³ Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m³ STEL: 150 ppm STEL: 560 mg/m³
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	74-98-6: TWA: 1000 ppm 106-97-8: STEL: 1000 ppm 75-28-5: STEL: 1000 ppm	74-98-6:TWA: 1000 ppm TWA: 1800 mg/m³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m³ 106-97-8: (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m³	74-98-6:IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m³ 106-97-8:TWA: 800 ppm TWA: 1900 mg/m³ 75-28-5:TWA: 800 ppm TWA: 1900 mg/m³
ISOPROPYL ALCOHOL 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m³	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m³ STEL: 500 ppm STEL: 1225 mg/m³
MOLYBDENUM DISULFIDE 1317-33-5	TWA: 10 mg/m³ Mo inhalable fraction TWA: 3 mg/m³ Mo respirable fraction	TWA: 15 mg/m³ total dust (vacated) TWA: 10 mg/m³ Mo	IDLH: 5000 mg/m³ Mo
XYLENE 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m³	Not Established
ETHYL BENZENE 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m³	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m³ STEL: 125 ppm STEL: 545 mg/m³

BENZENE	STEL: 2.5 ppm	TWA: 10 ppm applies to industry	IDLH: 500 ppm
71-43-2	TWA: 0.5 ppm	segments exempt from the	TWA: 0.1 ppm
	Skin - potential significant	benzene standard at 29 CFR	STEL: 1 ppm
	contribution to overall exposure	1910.1028	
	by the cutaneous route	TWA: 1 ppm	
		(vacated) TWA: 10 ppm unless	
		specified in 1910.1028	
		(vacated) STEL: 50 ppm 10 min	
		unless specified in 1910.1028	
		(vacated) Ceiling: 25 ppm unless	
		specified in 1910.1028	
		Ceiling: 25 ppm	
		STEL: 5 ppm see 29 CFR	
		1910.1028	

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration) NIOSH IDLH: Immediately Dangerous to Life or Health

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962

(11th Cir., 1992).

**Exposure controls** 

Engineering Measures Ventilation systems. Use adequate ventilation to keep the exposure levels below the

occupational exposure limits. Showers. Eyewash stations. Showers, eyewash stations, and

ventilation systems.

Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Safety glasses with side-shields.

**Skin and body protection** Chemical resistant apron. Protective gloves.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

provided in accordance with current local regulations.

Hygiene measures Do not eat, drink or smoke when using this product.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### **Physical and chemical properties**

Physical stateAerosolAppearanceOpaqueOdorSolvent

Color Dark Gray Odor Threshold

Property Values Remarks • Methods

pH No information available
Melting/freezing point No information available

Melting/freezing point No information availa Boiling point/boiling range

Flash Point -96.4 °C / -141 °F Based on propellant Evaporation rate No information available

Evaporation rate

Flammability (solid, gas)

Flammability Limits in Air

upper flammability limit

No information available
No information available

Vapor pressure Vapor density

lower flammability limit

Specific Gravity 0.763

Water solubility Practically insoluble

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Not applicable

Partition coefficient: n-octanol/water

Autoignition temperature

Decomposition temperature Viscosity

No information available

**Explosive properties** 

No information available

Other information

VOC Content(%) 64.51

# 10. STABILITY AND REACTIVITY

## Reactivity

Stable under recommended storage conditions

#### **Chemical stability**

Stable under recommended storage conditions.

## Possibility of hazardous reactions

None under normal processing.

#### **Conditions to Avoid**

Extremes of temperature and direct sunlight.

## **Incompatible Materials**

Strong acids, alkalis, oxidizing agents.

# **Hazardous Decomposition Products**

Carbon oxides, Hydrocarbons, Fumes.

# 11. TOXICOLOGICAL INFORMATION

## Information on likely routes of exposure

#### **Product Information**

**Inhalation** Avoid inhaling vapors or mists. Harmful if inhaled. May cause irritation to respiratory

system.

**Eye contact** Irritating to eyes.

**Skin contact** May cause irritation to skin .

Ingestion Harmful and may be fatal if swallowed and enters airways and lungs.

**Component Information** 

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation		
ACETONE	= 5800 mg/kg (Rat)	-	= 50100 mg/m <sup>3</sup> (Rat) 8 h		
67-64-1					
TOLUENE	= 2600 mg/kg (Rat)	= 12000 mg/kg (Rabbit)	= 12.5 mg/L (Rat) 4 h		
108-88-3					
PROPANE/ISOBUTANE/N-BUTAN	-	-	=31mg/L (Rat) 4 hr		
E I					
68476-86-8					
ISOPROPYL ALCOHOL	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m <sup>3</sup> (Rat) 4 h		
67-63-0					
MOLYBDENUM DISULFIDE	<del>-</del>	-	> 2820 mg/m³ (Rat) 4 h		
1317-33-5					
XYLENE	= 3500 mg/kg (Rat)	> 4350 mg/kg (Rabbit)	= 29.08 mg/L (Rat) 4 h		
1330-20-7					

ETHYL BENZENE	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.2 mg/L (Rat) 4 h
100-41-4			
BENZENE	= 810 mg/kg (Rat)	> 8200 mg/kg (Rabbit)	= 44.66 mg/L (Rat) 4 h
71-43-2			, ,

#### Information on toxicological effects

Symptoms Causes eye irritation. May cause skin and respiratory irritation. Harmful if swallowed and

enters airways.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation Eye damage/irritation**May cause skin irritation.

Causes eye irritation.

Irritation Causes eye irritation. My cause skin and respiratory irritation.

SensitizationNo information available.Germ Cell MutagenicityNot a germ cell mutagen.

**Carcinogenicity**The table below indicates whether each agency has evaluated a listed ingredient as a

carcinogen.

Ethyl Benzene and Benzene are in the product at <0.1 % reportable levels.

Chemical Name	ACGIH	IARC	NTP	OSHA
TOLUENE 108-88-3	-	Group 3	-	-
XYLENE 1330-20-7	-	Group 3	-	-
ETHYL BENZENE 100-41-4	A3	Group 2B	-	-
BENZENE 71-43-2	A1	Group 1	Known	X

IARC: (International Agency for Research on Cancer) Group 3 - Not Classifiable as to Carcinogenicity in Humans

Group 3 - Not Classifiable as to Carcinogenicity in Human-Reproductive toxicity

This product co

Specific target organ systemic toxicity (single exposure)

Specific target organ systemic toxicity (repeated exposure)

Chronic toxicity

This product contains a chemical(s) which is a known or suspected reproductive hazard.

May cause respiratory irritation. May cause drowsiness or dizziness.

May cause damage to target organs listed below through prolonged and repeated

exposure.

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and

potential cardiac arrest.

Target Organ Effects
Aspiration hazard

Eyes, Skin, Respiratory System, Central Nervous System, Liver, Kidneys.

May be fatal if swallowed and enters airways.

#### Numerical measures of toxicity - Product Information

**Unknown Acute Toxicity** 0.00000398% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document ...

ATEmix (dermal) 8294 mg/kg

# 12. ECOLOGICAL INFORMATION

#### **Ecotoxicity**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
ACETONE	-	4.74 - 6.33 mL/L LC50	-	10294 - 17704 mg/L EC50
67-64-1		Oncorhynchus mykiss 96h		Daphnia magna 48h Static
		6210 - 8120 mg/L LC50		12600 - 12700 mg/L EC50
		Pimephales promelas 96h		Daphnia magna 48h
		static 8300 mg/L LC50		
		Lepomis macrochirus 96h		

TOLUENE	433 mg/L EC50	15.22 - 19.05 mg/L LC50	-	5.46 - 9.83 mg/L EC50
108-88-3	Pseudokirchneriella	Pimephales promelas 96h		Daphnia magna 48h Static
	subcapitata 96h 12.5 mg/L	flow-through 12.6 mg/L LC50		11.5 mg/L EC50 Daphnia
	EC50 Pseudokirchneriella	Pimephales promelas 96h		magna 48h
	subcapitata 72h static	static 5.89 - 7.81 mg/L LC50		o l
		Oncorhynchus mykiss 96h		
		flow-through 14.1 - 17.16		
		mg/L LC50 Oncorhynchus		
		mykiss 96h static 5.8 mg/L		
		LC50 Oncorhynchus mykiss		
		96h semi-static 11.0 - 15.0		
		mg/L LC50 Lepomis		
		macrochirus 96h static 54		
		mg/L LC50 Oryzias latipes		
		96h static 28.2 mg/L LC50		
		Poecilia reticulata 96h		
		semi-static 50.87 - 70.34		
		mg/L LC50 Poecilia		
		reticulata 96h static		
DDODANE/ICODUTANE/N		Teliculata 9011 Static		
PROPANE/ISOBUTANE/N-	-	-	-	-
BUTANE				
68476-86-8				-
ISOPROPYL ALCOHOL	1000 mg/L EC50	9640 mg/L LC50	-	13299 mg/L EC50 Daphnia
67-63-0	Desmodesmus subspicatus	Pimephales promelas 96h		magna 48h
	96h 1000 mg/L EC50	flow-through 11130 mg/L		
	Desmodesmus subspicatus	LC50 Pimephales promelas		
	72h	96h static 1400000 µg/L		
		LC50 Lepomis macrochirus		
		96h		
XYLENE	-	13.4 mg/L LC50 Pimephales	-	3.82 mg/L EC50 water flea
1330-20-7		promelas 96h flow-through		48h 0.6 mg/L LC50
1330-20-7		2.661 - 4.093 mg/L LC50		Gammarus lacustris 48h
				Odiffillatus facustifis 4011
		Oncorhynchus mykiss 96h		
		static 13.5 - 17.3 mg/L LC50		
		Oncorhynchus mykiss 96h		
		13.1 - 16.5 mg/L LC50		
		Lepomis macrochirus 96h		
		flow-through 19 mg/L LC50		
		Lepomis macrochirus 96h		
		7.711 - 9.591 mg/L LC50		
		Lepomis macrochirus 96h		
		static 23.53 - 29.97 mg/L		
		LC50 Pimephales promelas		
		96h static 780 mg/L LC50		
		Cyprinus carpio 96h		
		semi-static 780 mg/L LC50		
		Cyprinus carpio 96h 30.26 -		
		40.75 mg/L LC50 Poecilia		
		reticulata 96h static		
ETHYL BENZENE	4.6 mg/L EC50	11.0 - 18.0 mg/L LC50	-	1.8 - 2.4 mg/L EC50
100-41-4	Pseudokirchneriella	Oncorhynchus mykiss 96h		Daphnia magna 48h
	subcapitata 72h 438 mg/L	static 4.2 mg/L LC50		
	EC50 Pseudokirchneriella	Oncorhynchus mykiss 96h		
	subcapitata 96h 2.6 - 11.3	semi-static 7.55 - 11 mg/L		
	mg/L EC50	LC50 Pimephales promelas		
	Pseudokirchneriella	96h flow-through 32 mg/L		
	i ooddonnonnond	LC50 Lepomis macrochirus		
1	subcapitata 72h static 1 7 -			
	subcapitata 72h static 1.7 -			
	7.6 mg/L EC50	96h static 9.1 - 15.6 mg/L		
	7.6 mg/L EC50 Pseudokirchneriella	96h static 9.1 - 15.6 mg/L LC50 Pimephales promelas		
	7.6 mg/L EC50	96h static 9.1 - 15.6 mg/L		

BENZENE	29 mg/L EC50	10.7 - 14.7 mg/L LC50	-	8.76 - 15.6 mg/L EC50
71-43-2	Pseudokirchneriella	Pimephales promelas 96h		Daphnia magna 48h Static
	subcapitata 72h	flow-through 5.3 mg/L LC50		10 mg/L EC50 Daphnia
		Oncorhynchus mykiss 96h		magna 48h
		flow-through 22.49 mg/L		_
		LC50 Lepomis macrochirus		
		96h static 28.6 mg/L LC50		
		Poecilia reticulata 96h static		
		22330 - 41160 µg/L LC50		
		Pimephales promelas 96h		
		static 70000 - 142000 μg/L		
		LC50 Lepomis macrochirus		
		96h static		

## Persistence and degradability

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#### **Bioaccumulation**

Chemical Name	log Pow
ACETONE	-0.24
67-64-1	
TOLUENE	2.7
108-88-3	
PROPANE/ISOBUTANE/N-BUTANE	<=2.8
68476-86-8	
ISOPROPYL ALCOHOL	0.05
67-63-0	
XYLENE	2.77 - 3.15
1330-20-7	
ETHYL BENZENE	3.2
100-41-4	
BENZENE	2.1
71-43-2	

Other adverse effects No information available

# 13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste Disposal Methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR

261). Dispose of in accordance with federal, state, and local regulations. Dispose of in

accordance with federal, state, and local regulations.

**Contaminated packaging** Do not re-use empty containers.

# 14. TRANSPORT INFORMATION

**DOT Ground** CONSUMER COMMODITY ORM-D

or

LIMITED QUANTITY

IATA UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD.QTY.

UN1950, AEROSOLS, 2.1, LTD. QTY.

# 15. REGULATORY INFORMATION

## **International Inventories**

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
ACETONE	Х	X	X	Χ	X	Х	X	Х
TOLUENE	Х	Х	Х	Х	Х	Х	Х	Х
PROPANE/ISOBUTA NE/N-BUTANE	Х	Х	Х	х	Х	Х	Х	Х
ISOPROPYL ALCOHOL	Х	Х	Х	Х	Х	Х	Х	Х
MOLYBDENUM DISULFIDE	Х	Х	Х	Х	Х	Х	Х	Х
XYLENE	Х	Х	Х	Х	Х	Х	Х	Х
ETHYL BENZENE	Х	Х	Х	Х	Х	Х	Х	Х
BENZENE	Х	Х	Х	Х	Х	Х	Х	Х

#### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

CHINA - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

## **U.S. Federal Regulations**

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %*	SARA 313 - Threshold Values %
TOLUENE - 108-88-3	108-88-3	30-40	1.0
ISOPROPYL ALCOHOL - 67-63-0	67-63-0	9.0456	1.0
BENZENE - 71-43-2	71-43-2	<0.1	0.1

#### SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Star Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	No

#### **Clean Water Act**

This product does contain the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
TOLUENE	1000 lb	X	X	Χ
108-88-3				

XYLENE	100 lb			X
1330-20-7				
ETHYL BENZENE	1000 lb	X	X	X
100-41-4				
BENZENE	10 lb	X	X	X
71-43-2				

#### CERCLA

This material, as supplied, does contain substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
ACETONE 67-64-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
TOLUENE 108-88-3	1000 lb 1 lb		RQ 1000 lb final RQ RQ 454 kg final RQ RQ 1 lb final RQ RQ 0.454 kg final RQ
XYLENE 1330-20-7	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
ETHYL BENZENE 100-41-4	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
BENZENE 71-43-2	10 lb		RQ 10 lb final RQ RQ 4.54 kg final RQ

# U.S. State Regulations

## **California Proposition 65**

This product contains the following Proposition 65 chemicals:



This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Chemical Name	California Prop. 65	
TOLUENE - 108-88-3	Developmental 30-40%	
BENZENE - 71-43-2	Developmental (Male)	
	Cancer < 0.1 %	
ETHYL BENZENE - 100-41-4	Cancer <0.1%	

## **U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
ACETONE 67-64-1	Х		Х
TOLUENE 108-88-3	Х	Х	Х
ISOPROPYL ALCOHOL 67-63-0	Х	Х	Х
MOLYBDENUM DISULFIDE 1317-33-5		Х	
XYLENE 1330-20-7	Х	Х	Х
ETHYL BENZENE 100-41-4	Х	Х	Х
BENZENE 71-43-2	Х	Х	Х

**EPA Pesticide Registration Number** Not applicable

#### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

# **16. OTHER INFORMATION**

**Health Hazard** 2 Instability 0 NFPA Flammability 4 Physical and chemical

hazards -

Health Hazard 2\* Personal protection B Flammability 4 **Physical Hazard** 1 Chronic Hazard Star Legend

Chronic Health Star Hazard Repeated or prolonged exposure may cause central nervous system

damage

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**Revision Note** 

#### **Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**