

SAFETY DATA SHEET



Section 1. Identification

GHS product identifier : Mystik® JT-6® High Temp 3% Moly #2

Other means of identification : Lubricating grease;
CITGO® Material Code: 665056002
Formerly known as Mystik® JT-6® Hi-Temp Grease with Moly (665056002)

Product code : 665056002

Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Lubricating grease

This product is not recommended for any use other than the identified uses above.

Supplier's details : CITGO Petroleum Corporation
P.O. Box 4689
Houston, TX 77210
sdsvend@citgo.com

Emergency telephone number (with hours of operation) : Technical Contact: (800) 248-4684
Medical Emergency: (832) 486-4700
CHEMTREC Emergency: (800) 424-9300
(United States Only)

Section 2. Hazards identification

OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture : Not classified.

Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 67.7%

GHS label elements

Signal word : No signal word.

Hazard statements : No known significant effects or critical hazards.

Precautionary statements

General : P102 - Keep out of reach of children.

Prevention : P262 - Do not get in eyes, on skin, or on clothing.

Response : P352 - Wash with plenty of soap and water or use a recognized skin cleanser.

Storage : P401 - Store in accordance with all local, regional, national and international regulations.
P402 + P404 - Store in a dry place and a closed container.
Empty containers may contain material residues which can ignite with explosive force. Misuse of empty containers can be dangerous if used to store toxic, flammable, or reactive materials. Cutting or welding of empty containers can cause fire, explosion, or release of toxic fumes from residues. Do not pressurize or expose empty containers to open flame, sparks, or heat. Keep container closed and drum bungs in place. All label warnings and precautions must be observed. Return empty drums to a qualified reconditioner. Consult appropriate federal, state and local authorities before reusing, reconditioning, reclaiming, recycling, or disposing of empty containers and/or waste residues of this material.

Section 2. Hazards identification

Disposal	: P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. Don't Pollute. Conserve Resources. Return used oil to collection centers.
Hazards not otherwise classified	: None known.
Hazards identified when used	: Injection of petroleum hydrocarbons requires immediate medical attention. Injection of pressurized hydrocarbons can cause severe permanent tissue damage. Initial symptoms may be minor.

Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Other means of identification	: Lubricating grease; CITGO® Material Code: 665056002 Formerly known as Mystik® JT-6® Hi-Temp Grease with Moly (665056002)

Ingredient name	%	Identifiers
Distillates (petroleum), hydrotreated heavy naphthenic	≥60 - ≤80	CAS: 64742-52-5
Distillates (petroleum), hydrotreated heavy paraffinic	≥15 - ≤40	CAS: 64742-54-7
Residual oils (petroleum), solvent-dewaxed	≥5 - ≤10	CAS: 64742-62-7
molybdenum disulphide	≥1 - ≤5	CAS: 1317-33-5
Distillates (petroleum), solvent-refined heavy paraffinic	≥1 - ≤5	CAS: 64742-65-0, 64742-54-7
Lithium complex thickener	≥1 - ≤5	-
Polymers	≥1 - ≤5	-
1-Propene, 2-methyl-, sulfurized	≥1 - ≤5	CAS: 68511-50-2

Any concentration shown as a range is to protect confidentiality or is due to process variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.

Section 4. First aid measures

- Skin contact** : Injection of pressurized hydrocarbons can cause severe permanent tissue damage. Initial symptoms may be minor.
- Ingestion** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

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

- Notes to physician** : In the event of injection in underlying tissue, immediate treatment should include extensive incision, debridement and saline irrigation. Inadequate treatment can result in ischemia and gangrene. Early symptoms may be minimal.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : Do not use water jet.

- Specific hazards arising from the chemical** : No specific fire or explosion hazard.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
sulfur oxides
metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Section 6. Accidental release measures

- Small spill** : Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Bulk Storage Conditions: Do not apply heat or flame to stockpiled material. Rotate stock to reduce the potential for hot spots. Do not store with oxidizers. Minimize dust creation by keeping material moist and/or covered.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Distillates (petroleum), hydrotreated heavy naphthenic	ACGIH TLV (United States, 1/2024) [Mineral Oil, pure, highly and severely refined] A4. TWA 8 hours: 5 mg/m ³ . Form: Inhalable fraction. NIOSH REL (United States, 10/2020) [OIL MIST MINERAL] TWA 10 hours: 5 mg/m ³ . Form: Mist. STEL 15 minutes: 10 mg/m ³ . Form: Mist. OSHA PEL (United States, 5/2018) [Oil mist, mineral] TWA 8 hours: 5 mg/m ³ .
Distillates (petroleum), hydrotreated heavy paraffinic	ACGIH TLV (United States, 1/2024) [Mineral Oil, pure, highly and severely refined] A4. TWA 8 hours: 5 mg/m ³ . Form: Inhalable fraction. NIOSH REL (United States, 10/2020) [OIL MIST MINERAL] TWA 10 hours: 5 mg/m ³ . Form: Mist. STEL 15 minutes: 10 mg/m ³ . Form: Mist. OSHA PEL (United States, 5/2018) [Oil mist, mineral] TWA 8 hours: 5 mg/m ³ .
Residual oils (petroleum), solvent-dewaxed	ACGIH TLV (United States, 1/2024) [Mineral Oil, pure, highly and severely refined] A4. TWA 8 hours: 5 mg/m ³ . Form: Inhalable fraction. NIOSH REL (United States, 10/2020) [OIL

Section 8. Exposure controls/personal protection

molybdenum disulphide

Distillates (petroleum), solvent-refined heavy paraffinic

Lithium complex thickener
Polymers
1-Propene, 2-methyl-, sulfurized

Biological exposure indices

No exposure indices known.

MIST MINERAL]

TWA 10 hours: 5 mg/m³. Form: Mist.

STEL 15 minutes: 10 mg/m³. Form: Mist.

OSHA PEL (United States, 5/2018) [Oil mist, mineral]

TWA 8 hours: 5 mg/m³.

ACGIH TLV (United States, 1/2024) [Molybdenum, Metal and insoluble compounds]

TWA 8 hours: 10 mg/m³ (as Mo). Form: Inhalable fraction.

TWA 8 hours: 3 mg/m³ (as Mo). Form: Respirable fraction.

OSHA PEL (United States, 5/2018) [Molybdenum Insoluble Compounds]

TWA 8 hours: 15 mg/m³ (as Mo). Form: Total dust.

ACGIH TLV (United States, 1/2024) [Mineral Oil, pure, highly and severely refined] A4.

TWA 8 hours: 5 mg/m³. Form: Inhalable fraction.

NIOSH REL (United States, 10/2020) [OIL MIST MINERAL]

TWA 10 hours: 5 mg/m³. Form: Mist.

STEL 15 minutes: 10 mg/m³. Form: Mist.

OSHA PEL (United States, 5/2018) [Oil mist, mineral]

TWA 8 hours: 5 mg/m³.

None.

None.

None.

Appropriate engineering controls

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, vapor controls, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection

: Chemical-resistant gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Section 8. Exposure controls/personal protection

- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance

- Physical state** : Solid. [Smooth texture]
- Color** : Dark gray to black.
- Odor** : Mild petroleum odor
- pH** : Not available.
- Boiling point or initial boiling point and boiling range** : Not available.
- Flash point** : Open cup: >150°C (>302°F) [Estimated]
- Evaporation rate** : <1 (butyl acetate = 1)
- Lower and upper explosive (flammable) limits** : Lower: 1%
Upper: 7%
- Vapor pressure** : <0.0013 kPa (<0.01 mm Hg)
- Relative vapor density** : >1 [Air = 1]
- Relative density** : 0.94
- Density lbs/gal** : Estimated 7.84 lbs/gal
- Density gm/cm³** : Not available.
- Gravity, °API** : Estimated 19 @ 60 F
- Solubility(ies)** :

Media	Result
cold water	Not soluble

- Auto-ignition temperature** : Not applicable.
- Viscosity** : Dynamic (room temperature): Not available.
Kinematic (room temperature): Not available.
Kinematic (40°C (104°F)): Not available.
- NLGI Grade** : 2
- Flow time (ISO 2431)** : Not available.
- Particle characteristics**
- Median particle size** : Not available.

Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.

Section 10. Stability and reactivity

Incompatible materials : No specific data.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name

Distillates (petroleum), hydrotreated heavy naphthenic

Distillates (petroleum), hydrotreated heavy paraffinic

molybdenum disulphide

Distillates (petroleum), solvent-refined heavy paraffinic

Polymers

1-Propene, 2-methyl-, sulfurized

Result

Rat - Oral - LD50

>5000 mg/kg

Rat - Oral - LD50

>5000 mg/kg

Rat - Dermal - LD50

>5000 mg/kg

EU

Rat - Oral - LD50

>5000 mg/kg

EU

Rat - Oral - LD50

>6000 mg/kg

Rat - Oral - LD

>2 g/kg

Toxic effects: Other - Hair

Rat - Dermal - LD

>2 g/kg

Toxic effects: Skin After systemic exposure - Dermatitis, other

Gross Metabolite Changes - Weight loss or decreased weight gain

Rat - Oral - LDLo

6 g/kg

Toxic effects: Behavioral - Food intake (animal) Gastrointestinal - Hypermotility, diarrhea Gastrointestinal - Nausea or vomiting

Rat - Oral - LD50

5000 mg/kg

Rabbit - Dermal - LD50

2000 mg/kg

Rabbit - Dermal - LD50

2000 mg/kg

Rat - Oral - LD50

>5000 mg/kg

Rat - Oral - LD50

>5000 mg/kg

Rabbit - Dermal - LD50

2000 mg/kg

Rat - Oral - LD50

8.6 g/kg

Toxic effects: Eye - Chromodacryorrhea Behavioral - Ataxia Gastrointestinal - Hypermotility, diarrhea

Conclusion/Summary [Product] :

Ingredient name

Distillates (petroleum), hydrotreated heavy naphthenic

Conclusion/Summary

Mineral oil mists derived from highly refined oils are reported to have low acute and sub-acute toxicities in animals. Effects from single and short-term repeated exposures to high concentrations of mineral oil mists well above applicable workplace exposure levels include lung inflammatory reaction, lipoid granuloma formation and lipoid pneumonia. In acute and sub-acute studies involving exposures to lower concentrations of mineral oil mists

Section 11. Toxicological information

Distillates (petroleum), hydrotreated heavy paraffinic

at or near current work place exposure levels produced no significant toxicological effects.

Mineral oil mists derived from highly refined oils are reported to have low acute and sub-acute toxicities in animals. Effects from single and short-term repeated exposures to high concentrations of mineral oil mists well above applicable workplace exposure levels include lung inflammatory reaction, lipoid granuloma formation and lipoid pneumonia. In acute and sub-acute studies involving exposures to lower concentrations of mineral oil mists at or near current work place exposure levels produced no significant toxicological effects.

molybdenum disulphide

In general, insoluble compounds of molybdenum, such as molybdenum disulfide, exhibit a low order of toxicity.

Distillates (petroleum), solvent-refined heavy paraffinic

Mineral oil mists derived from highly refined oils are reported to have low acute and sub-acute toxicities in animals. Effects from single and short-term repeated exposures to high concentrations of mineral oil mists well above applicable workplace exposure levels include lung inflammatory reaction, lipoid granuloma formation and lipoid pneumonia. In acute and sub-acute studies involving exposures to lower concentrations of mineral oil mists at or near current work place exposure levels produced no significant toxicological effects.

Skin corrosion/irritation

Not available.

Conclusion/Summary [Product] :

Ingredient name

molybdenum disulphide

Conclusion/Summary

May cause skin irritation.

Serious eye damage/eye irritation

Not available.

Conclusion/Summary [Product] :

Ingredient name

molybdenum disulphide

Conclusion/Summary

May cause eye irritation.

Respiratory corrosion/irritation

Product/ingredient name

Polymers

Result

Human - Respiratory - Mild irritant

Conclusion/Summary [Product] :

Ingredient name

molybdenum disulphide

Conclusion/Summary

May cause respiratory irritation.

Respiratory or skin sensitization

Not available.

Skin

Conclusion/Summary [Product] : No additional information.

Respiratory

Section 11. Toxicological information

Conclusion/Summary [Product] : No additional information.

Germ cell mutagenicity

Not available.

Conclusion/Summary [Product] : No additional information.

Carcinogenicity

Not available.

Conclusion/Summary [Product] :

Ingredient name

Distillates (petroleum), solvent-refined heavy paraffinic

Conclusion/Summary

In long term studies (up to two years) no carcinogenic effects have been reported in any animal species tested.

Classification

Product/ingredient name	OSHA	IARC	NTP
Distillates (petroleum), solvent-refined heavy paraffinic	-	4	-

Reproductive toxicity

Not available.

Conclusion/Summary [Product] : No additional information.

Specific target organ toxicity (single exposure)

Product/ingredient name

molybdenum disulphide

Result

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)
(Respiratory tract irritation) - Category 3

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Routes of entry anticipated: Dermal.

Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Injection of pressurized hydrocarbons can cause severe permanent tissue damage. Initial symptoms may be minor.
- Ingestion** : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.

Section 11. Toxicological information

Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

Conclusion/Summary [Product] : Not available.

Ingredient name

molybdenum disulphide

Conclusion/Summary

In a subchronic oral study, no signs of toxicity were observed in rats receiving molybdenum disulfide at 10 to 500 milligrams of molybdenum disulfide per animal per day. In an experimental study, guinea pigs were exposed to an average concentration of 286 milligrams of molybdenum disulfide dust per cubic meter for one hour per day, five days per week for five weeks. Of the 25 animals studied, one animal died within three days; the appearance of the other animals was normal.

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Reproductive toxicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
Mystik® JT-6® High Temp 3% Moly #2	22486.6	23367.1	N/A	N/A	N/A
Distillates (petroleum), solvent-refined heavy paraffinic	5000	N/A	N/A	N/A	N/A
Lithium complex thickener	500	N/A	N/A	N/A	N/A
Polymers	N/A	2000	N/A	N/A	N/A
1-Propene, 2-methyl-, sulfurized	8600	2000	N/A	N/A	N/A

Section 12. Ecological information

Toxicity

Product/ingredient name

Distillates (petroleum), hydrotreated heavy naphthenic

Result

Acute - LC50 - Fresh water

OECD 203

Fish - *Pimephales promelas*

>100 mg/l [96 hours]

Acute - EC50 - Fresh water

OECD 202

Daphnia - Daphnia - *Daphnia magna*

>10000 mg/l [48 hours]

Acute - NOEL - Fresh water

OECD 201

Algae - Algae - *Pseudokirchneriella subcapitata*

>100 mg/l [72 hours]

Conclusion/Summary [Product] : Not available.

Persistence and degradability

Not available.

Conclusion/Summary [Product] : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Distillates (petroleum), hydrotreated heavy naphthenic	-	-	Inherent
Distillates (petroleum), solvent-refined heavy paraffinic	-	-	Inherent

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Distillates (petroleum), hydrotreated heavy naphthenic	>6	-	High
Distillates (petroleum), solvent-refined heavy paraffinic	3.9 to 6	-	High

Mobility in soil

Soil/Water partition coefficient : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IMDG	IATA
UN number	Not regulated.	Not available.	Not available.	Not available.	Not available.
UN proper shipping name	-	Not available.	Not available.	Not available.	Not available.
Transport hazard class(es)	-	Not available.	Not available.	Not available.	Not available.
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.

Oil: The product(s) represented by this SDS is (are) regulated as “oil” under 49 CFR Part 130. Shipments by rail or highway in packaging having a capacity of 3500 gallons or more or in a quantity greater 42,000 gallons are subject to these requirements. In addition, mixtures containing 10% or more of this product may be subject to these requirements.

Special precautions for user : **Transport within user’s premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to IMO instruments : Not available.

Section 15. Regulatory information

U.S. Federal regulations

TSCA 8(a) PAIR: Siloxanes and Silicones, di-Me; mequinol; xylene; Cyclosiloxanes, di-Me; cumene; ethylbenzene; naphthalene

TSCA 8(a) CDR Exempt/Partial exemption: Not determined

Clean Water Act (CWA) 307: zinc bis(dipentylidithiocarbamate); Naphthenic acids, zinc salts; zinc neodecanoate; chrysene; ethylbenzene; lead powder; naphthalene

Clean Water Act (CWA) 311: xylene; ethylbenzene; naphthalene

This material is classified as an oil under Section 311 of the Clean Water Act (CWA) and the Oil Pollution Act of 1990 (OPA). Discharges or spills which produce a visible sheen on waters of the United States, their adjoining shorelines, or into conduits leading to surface waters must be reported to the EPA's National Response Center at (800) 424-8802.

TSCA 12(b) - Chemical export notification

Not applicable.

Section 15. Regulatory information

Clean Air Act Section 112 : Listed

(b) Hazardous Air Pollutants (HAPs)

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Not applicable.

Composition/information on ingredients

Name	%	Classification
molybdenum disulphide	≥1 - ≤5	SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2B SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Lithium complex thickener	≥1 - ≤5	ACUTE TOXICITY (oral) - Category 4
Polymers	≥1 - ≤5	ACUTE TOXICITY (dermal) - Category 4
1-Propene, 2-methyl-, sulfurized	≥1 - ≤5	FLAMMABLE LIQUIDS - Category 4 ACUTE TOXICITY (dermal) - Category 4

SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	chrysene	218-01-9	≤0.1
	lead powder	7439-92-1	≤0.1
Supplier notification	chrysene	218-01-9	≤0.1
	lead powder	7439-92-1	≤0.1

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Massachusetts : The following components are listed: OIL MIST, MINERAL; OIL MIST, MINERAL; OIL MIST, MINERAL; MOLYBDENUM DISULFIDE

New York : None of the components are listed.

New Jersey : None of the components are listed.

Pennsylvania : None of the components are listed.

California Prop. 65

⚠ WARNING: This product can expose you to chemicals including molybdenum trioxide, which is known to the State of California to cause cancer, and Lithium carbonate, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Section 15. Regulatory information

Ingredient name	Concentration	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Lithium carbonate	<0.1	No.	Yes.	-	-
molybdenum trioxide	<0.01	Yes.	No.	-	-
Chrysene	<0.0001	Yes.	No.	Yes.	-
cumene	<0.0001	Yes.	No.	-	-
Ethylbenzene	<0.0001	Yes.	No.	Yes.	-
Methyl isobutyl ketone	trace	Yes.	Yes.	-	-
Ethyl acrylate	trace	Yes.	No.	-	-
Lead	trace	Yes.	Yes.	Yes.	Yes.
Naphthalene	trace	Yes.	No.	Yes.	-

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia	: All components are listed or exempted.
Canada	: All components are listed or exempted.
China	: All components are listed or exempted.
Eurasian Economic Union	: Russian Federation inventory : Not determined.
Japan	: Japan inventory (CSCL) : Not determined. Japan inventory (ISHL) : Not determined.
New Zealand	: All components are listed or exempted.
Philippines	: All components are listed or exempted.
Republic of Korea	: All components are listed or exempted.
Taiwan	: All components are listed or exempted.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: All components are active or exempted.
Viet Nam	: Not determined.

Section 16. Other information

National Fire Protection Association (U.S.A.)



Procedure used to derive the classification

Classification	Justification
Not classified.	

Section 16. Other information

History

Date of printing : 1/22/2026

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Version : 3.07

Key to abbreviations

: ATE = Acute Toxicity Estimate
 BCF = Bioconcentration Factor
 DOT = Department of Transportation
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC = Intermediate Bulk Container
 IMDG = International Maritime Dangerous Goods
 IMO = International Maritime Organization
 LogPow = logarithm of the octanol/water partition coefficient
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
 N/A = Not available
 SGG = Segregation Group
 TDG = Transportation of Dangerous Goods
 UN = United Nations

References

: Not available.

▣ Indicates information that has changed from previously issued version.

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