

1672

MP VALVE LUBE

Valve Lubricant and Sealant with Moly

PRODUCT DESCRIPTION

1672 MP Valve Lube is formulated with molybdenum disulfide to reduce friction during the operation of valves. The reduction of friction allows the valves to turn easily thereby extending their life and performance. 1672 services temperatures to >450°F (>232°C).

1672 MP Valve Lube adheres to metal, assuring protection against rust and corrosion. It is resistant to a variety of chemicals, including hydrogen sulfide, crude oil, hydrochloric acid, brine and water, as well as drilling muds. In addition, 1672 is waterproof and non-hardening.

APPLICATION

Industries with applications for 1672 MP Valve Lube are valve manufacturers, valve rebuilders, pipeline companies, chemical processing plants, utilities, gathering systems, wholesale distributors and refineries.

Recommended applications include plug valves, gate valves, high-pressure valves, low-pressure valves, wellheads, bearings, ball valves, hand-operated valves, motor-operated valves, crude oil pipe valves, gathering systems valves and close tolerance valves.

Apply 1672 MP Valve Lube using a high pressure grease gun, hand-operated or air-operated lubricator.

TYPICAL OBSERVATIONS

Color	Black
Appearance	Smooth
Odor	Mild
Density, lb/gal @ 77°F (25°C) Bulk	7.87
Stick	8.50
Specific Gravity, @ 77°F (25°C) Bulk	0.944
Stick	1.018
Dropping Point, ASTM D-2265	>600°F (>316°C)
Flash Point	440°F (226°C)
Penetration, Bulk	
ASTM D-92 worked @ 77°F (25°C)	225-245
NLGI Grade, Bulk	3
Stick Grade	90-100
K, J, or V Stick	6
Corrosion Preventive Properties,	
ASTM D-1743 @ 125°F (51°C)	Pass
Temperature Range	10°F to >450°F (-12°C to >232°C)
Shelf Life (unopened container)	Two years

BENEFITS

- **Manufactured with moly**
- **Non-melting**
- **Rust, corrosion and oxidation preventive**
- **Resists hydrogen sulfide, crude oil, hydrochloric acid, brine, water and drilling muds**
- **Insoluble in water**
- **Adheres to metal surfaces**

FRAC

FLUSH

ARCTIC

STORAGE

SEALANTS

CLEANERS

ASSEMBLY

BALL VALVE
LUBRICANTS

GATE VALVE
LUBRICANTS

PLUG VALVE
LUBRICANTS

STICK PACKING



*Liquid-O-Ring®**

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Manufactured by
BALMAR LLC

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Sales Locations:
LAFAYETTE, LA | HOUSTON, TX | LONGVIEW, TX | MIDLAND, TX | OKLAHOMA CITY, OK

Made in U.S.A. 02/20/23

The product information and specifications listed in this publication are constantly being updated to keep up with government regulations and technology changes. Please visit our website, www.oilcenter.com, or contact your Account Representative for the most current information relating to this product.

SAFETY DATA SHEET

MP Valve Lube with Moly

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Revision: 02/08/2016
Supersedes Revision: 04/14/2014

1. Product and Company Identification

Product Code: 1672
Product Name: MP Valve Lube with Moly
Company Name: Balmar, LLC
Phone Number: (337)232-2496
616 W. Pont Des Mouton Rd.
Lafayette, LA 70507-4002
Email address: Info@oilcenter.com
Emergency Contact: 01-703-527-3887

2. Hazards Identification

GHS Signal Word: None
GHS Hazard Phrases: No phrases apply.
GHS Precaution Phrases: No phrases apply.
GHS Response Phrases: No phrases apply.
GHS Storage and Disposal Phrases: No phrases apply.
Potential Health Effects (Acute and Chronic):
Inhalation: The toxicological properties of this substance have not been fully investigated.
Skin Contact: May cause skin irritation. The toxicological properties of this material have not been fully investigated.
Eye Contact: The toxicological properties of this material have not been fully investigated.
Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated.

3. Composition/Information on Ingredients

CAS #	Components (Chemical Name)	Concentration	
1317-33-5	Molybdenum disulfide	1.00 - 5.00 %	

4. First Aid Measures

Emergency and First Aid Procedures:
In Case of Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
In Case of Skin Contact: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
In Case of Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.
Note to Physician: Treat symptomatically and supportively.

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9. Physical and Chemical Properties

Physical States: ☐ Gas ☐ Liquid ☒ Solid

Appearance and Odor: Sticks.
fatty odor.

Appearance: Black.

Melting Point: 0 C

Boiling Point: NA

Autoignition Pt: NA

Flash Pt: 450 F Method Used: Estimate

Explosive Limits: LEL: No data. UEL: No data.

Specific Gravity (Water = 1): 0.981 at 77.0 F

Density: 8.186 LB/GA at 77.0 F

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Evaporation Rate: No data.

Solubility in Water: No data.

Percent Volatile: No data.

10. Stability and Reactivity

Stability: Unstable ☐ Stable ☒

Conditions To Avoid - Instability: Incompatible materials, Strong oxidants.

Incompatibility - Materials To Avoid: Strong oxidizing agents, Hydrogen peroxides, potassium nitrate).

Hazardous Decomposition Or Byproducts: oxides of sulfur, hydrogen sulfide, oxides of molybdenum.

Possibility of Hazardous Reactions: Will occur ☐ Will not occur ☒

Conditions To Avoid - Hazardous Reactions: No data available.

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CAS #	Components (Chemical Name)	Other US EPA or State Lists
1317-33-5	Molybdenum disulfide	CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; NY Part 597: No; PA HSL: No
CAS #	Components (Chemical Name)	International Regulatory Lists
1317-33-5	Molybdenum disulfide	Canadian DSL: Yes; REACH: Yes - (P)

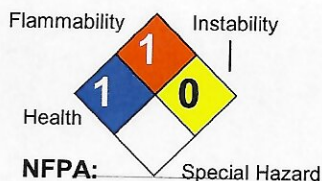
16. Other Information

Revision Date: 02/08/2016

Hazard Rating System:

HEALTH	1
FLAMMABILITY	1
PHYSICAL	0
PPE	B

HMIS:



Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

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