



Climax Lubricants & Equipment Co.

450/450-S

Safety Data Sheet

1. IDENTIFICATION

Product Name: Climax 450/450-S HP Valve Lubricant/Sealant
Product Code: 450/450-S (Stick or Bulk/Soft Grade)
Product Use: Valve Lubricant/Sealant – Industrial Applications
Manufacturer: CLIMAX LUBRICANTS & EQUIPMENT CO.
Physical Address: 7915 E. ELM STREET
HOUSTON, TX 77012
Mailing Address: P.O. BOX 5235
HOUSTON, TX 77262-5235
Phone Number: 713-923-2626
Email: sales@climaxlube.com, clilub@aol.com
Emergency Phone Number: 713-829-9540

2. HAZARD(S) IDENTIFICATION

GHS Classification

Not Classified

GHS Label Elements

Physical hazards: Not classified.
Health hazards: Eye irritation Category 2B
OSHA defined hazards: Not classified.
Label elements
Hazard symbol: None.
Signal word: Warning
Hazard statement: Causes eye irritation.

Precautionary statement

Prevention: Wash thoroughly after handling.
Response 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.
Storage: Store away from incompatible materials.
Disposal: Dispose of waste and residues in accordance with local authority requirements.



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	%
PETROLEUM DERIVATIVE	8009-03-8	80%-100%
RHEOLOGICAL ADDITIVE	112945-52-5	20%-0%

Composition comments: All concentrations are in percent by weight.

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

4. FIRST AID MEASURES

Inhalation: Seek medical attention.
Ingestion: Induce vomiting – seek medical attention. NOTE TO PHYSICIAN:
Treat symptomatically.
Skin Contact: Use clean cloth – wash with soap & water.
Eye Contact: Use eyewash fountain, get medical attention if irritation develops or persists.

5. FIRE-FIGHTING MEASURES

Suitable Media: Standard dry chemical, Foam, CO₂, Water-fog
Not Suitable:
Combustion Products: Smoke, Fumes, Carbon Monoxide.
Special Protective Equipment for Fire-Fighters: Wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.
Explosion Hazards: In the presence of mechanical impact or static discharge: no explosion risk
Fire Fighting Measures: Use foam, CO₂, dry chemical, water fog. Water can be used to keep containers cool and to flush spills away from fire exposure. Firefighters must wear self-contained breathing apparatus in enclosed areas



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6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Wear appropriate personal protection equipment. (See Section 8)
- Environmental Precautions:** Avoid discharge into drains, water courses or onto the ground.
- Small Spill:** Recover free product. Add sand, earth or some other suitable absorbent. Dispose of material in accordance with all local, state & federal regulations.
- Large Spill:** Take care to keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered sewers, watercourses or extensive land areas.

7. HANDLING & STORAGE

- Handling:** Wear appropriate personal protection equipment (See Section 8). Wash hands thoroughly after handling. Do not get in eyes. Follow good hygiene and housekeeping practices. Use in ventilated areas.
- Storage:** Store in cool, dry area in original or equivalent container in accordance with all applicable regulations. Do not expose to extreme heat or flame. Store below 150 degrees Fahrenheit.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Biological Limit Values:** No biological exposure limits noted for the ingredient(s).
- Control Parameters:** No occupational exposure limits.
- Engineering Controls:** Use good industrial hygiene practice and adequate ventilation.
- Eye/Face Protection:** Safety Glasses with side shields.
- Hand Protection:** Protective gloves recommended or as required.
- Skin Protection:** No additional protection required beyond normal industrial attire is required.
- Respiratory Protection:** No special measures required.



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9. PHYSICAL & CHEMICAL PROPERTIES

Appearance

Physical State:	Solid
Form:	Semi-Solid
Color:	White
Odor:	Odorless
pH:	Not Applicable
Melting point/freezing point:	Not available.
Initial boiling point and boiling:	Not available.
Flash Point:	+500° Fahrenheit (260° Celsius)
Evaporation Rate:	No Data
Upper Flammability Limit:	No Data
Lower Flammability Limit:	No Data
Vapor Pressure:	No Data
Vapor Density:	No Data
Relative Density:	.925
Solubility:	Insoluble in water
Viscosity:	No data
Partition coefficient (n-octanol/water):	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Explosive properties:	Not explosive.

10. STABILITY & REACTIVITY

Reactivity:	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Stable
Conditions to avoid:	None
Incompatible Materials:	Liquid Hydrocarbons
Hazardous Decomposition Products:	Unknown.



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11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	No ingredients reported to be acutely toxic.
Irritation:	May cause mild redness and discomfort on contact with eyes.
Corrosivity:	No ingredients reported to be corrosive.
Sensitization:	No ingredients reported to be respiratory or skin sensitizers.
Germ Cell Mutagenicity:	No ingredients reported to have mutagenic effects.
Carcinogenicity:	No ingredients reported to be carcinogenic.
Reproductive Toxicity:	No ingredients reported to have reproductive effects.
STOT – Single Exposure:	No ingredients reported to have specific target organ toxicity single exposure effects.
STOT – Repeated Exposure:	Not classified.
Aspiration Hazard:	No data available.
Chronic Effects:	Chronic effects are not expected when this product is used as intended.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No ingredients reported to be dangerous for the environment.
Persistence/degradability:	Readily biodegradable.
Mobility:	Approximately same density as water, will not reliably float or sink.
Bioaccumulative potential:	No data available on bioaccumulation.

13. DISPOSAL CONSIDERATIONS

Waste Disposal:	Dispose of in accordance with local, state, and federal regulations.
Hazardous Waste Code:	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

14. TRANSPORT INFORMATION

DOT (US):	Not Regulated
IMDG:	Not Regulated
IATA:	Not Regulated



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15. REGULATORY INFORMATION

US Regulations

No ingredient in this product is subject to the reporting requirements of SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4)

State Regulations

California Prop 65:	No ingredients listed
Massachusetts Right to Know:	No ingredients listed
New Jersey Right to Know:	No ingredients listed
Pennsylvania RTK Hazardous Substances:	No ingredients listed

United States Inventory (TSCA):	All ingredients are listed or exempt.
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International Regulations:

Canada: WHMIS Classification:	Not controlled.
WHMIS:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.
Canada Domestic Substances List:	All ingredients listed or exempt.
Europe inventory (EINECS):	All ingredients listed or exempt.
Australia inventory (AICS):	All ingredients listed or exempt.
China inventory (IECSC):	All ingredients listed or exempt.
New Zealand Inventory of Chemicals (NZIoC):	All ingredients listed or exempt.
Philippines inventory (PICCS):	All ingredients listed or exempt.



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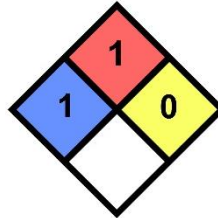
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16. OTHER INFORMATION

Hazardous Material Information System (USA):

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

National Fire Protection Association (USA):



HS-Tariff Classification Number: 3403190000
ECCN Number: EAR99-NLR

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Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.