

# DSI-500 Premium Valve Lubricant Safety Data Sheet

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

### Identification of the substance or mixture

**Product Name:** DSI-500  
**Product Use:** Synthetic Valve Lube  
**Supplier:** ACC Corporate  
4 Roy Street, Welshpool  
Perth, Western Australia, 6106  
**Emergency Telephone Number:** +61 (08) 9470 5070  
Refer to code DSI-500

**Email Address:** [admin@acc-corporate.com](mailto:admin@acc-corporate.com)

## 2. HAZARDS IDENTIFICATION

### GHS Classification

Not classified

### GHS Label elements

**Symbol(s)** None  
**Signal Word** None  
**Hazard Statements** None

### Other hazards which do not result in classification

High pressure injection under skin is a medical emergency.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Nonhazardous synthetic grease.

## 4. FIRST AID MEASURES

**Inhalation:** Move exposed person to fresh air. Get medical attention if symptoms occur. No symptoms expected

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Get medical attention if nausea or stomach pains occur.

**Skin Contact:** Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation symptoms occur. High pressure injection under skin requires immediate medical attention.

**Eye Contact:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 5 minutes, keeping eyelids open. Get medical attention if redness or irritation persists

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## 5. FIRE-FIGHTING MEASURES

<b>Suitable media:</b>	Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
<b>Not suitable:</b>	Do not use water jet.
<b>Combustion products:</b>	Carbon monoxide, carbon dioxide, products of incomplete hydrocarbon combustion.
<b>Special protective equipment for fire-fighters:</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Wear appropriate personal protection equipment (See section 8).
<b>Environmental precautions:</b>	Causes slipping hazard. Recover free product. If small amount, clean residue with soap and water. Otherwise use suitable oil adsorbent. Dispose of material in accordance with all regulations. Keep product out of sewers and watercourses. Advise authorities if large amounts of product enter waterways or extensive land areas.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Wear appropriate personal protection equipment (See section 8). Do not eat, drink, or smoke when using. Wash thoroughly after handling. Follow good hygiene and housekeeping practices
<b>Storage:</b>	Store in cool dry area in original or equivalent container in accordance with all regulations. Do not expose to extreme heat or flame. Store below 65°C (150°F), away from strong oxidizers and acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Control parameters:</b>	No occupational exposure limits.
<b>Engineering controls:</b>	Use with adequate ventilation.
<b>Eye/face protection:</b>	Safety glasses. Ensure eye bath is to hand.
<b>Hand protection:</b>	Protective gloves if prolonged or repeated contact is unavoidable.
<b>Skin protection:</b>	No additional protection required beyond normal industrial attire is required.
<b>Respiratory protection:</b>	No special measures required.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance and odour:</b>	Black semi-solid, mild odour
<b>pH:</b>	Not applicable, insoluble in water
<b>Flash point:</b>	238°C (460°F) (Cleveland open cup)
<b>Evaporation rate:</b>	No data
<b>Upper flammability limit:</b>	No data
<b>Lower flammability limit:</b>	No data
<b>Vapor pressure:</b>	No data
<b>Vapor density:</b>	No data
<b>Relative density:</b>	1.1
<b>Solubility:</b>	Insoluble in water, soluble in alcohols and petroleum distillates
<b>Viscosity:</b>	Cone penetration (ASTM D217) 280-310

## 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable
<b>Conditions to avoid:</b>	Extreme heat
<b>Incompatible materials:</b>	Strong oxidizers
<b>Hazardous decomposition products:</b>	Carbon monoxide, carbon dioxide

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	No ingredients reported to be acutely toxic.
<b>Irritation:</b>	May cause mild redness and discomfort on contact with eyes.
<b>Corrosivity:</b>	No ingredients reported to be corrosive.
<b>Sensitization:</b>	No ingredients reported to be respiratory or skin sensitizers.
<b>Germ cell mutagenicity:</b>	No ingredients reported to have mutagenic effects.
<b>Carcinogenicity:</b>	No ingredients reported to be carcinogenic.
<b>Reproductive toxicity:</b>	No ingredients reported to have reproductive effects.
<b>STOT – single exposure:</b>	No ingredients reported to have specific target organ toxicity single exposure effects.
<b>STOT – repeated exposure:</b>	Product may remove oils from skin with repeated or prolonged exposure.
<b>Aspiration hazard:</b>	No data available.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No ingredients reported to be dangerous for the environment.
<b>Persistence/degradability:</b>	Readily biodegradable.
<b>Mobility:</b>	Approximately same density as water, will not reliably float or sink.

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## 13. DISPOSAL CONSIDERATIONS

### Waste disposal:

Generation of waste should be avoided or minimized where possible. Empty containers may contain residue. Dispose of non-recyclable material via licensed waste disposal operator. Follow all applicable regulations.

## 14. TRANSPORT INFORMATION

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

## 15. 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 listed or exempt.

### International regulations

**Canada: WHMIS Classification:** Not controlled.

**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.

## 16. OTHER INFORMATION

### Hazardous Material Information System (USA):

HEALTH	0
FIRE	1
REACTIVITY	0
PERSONAL PROTECTION	B

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National Fire Protection Association (USA)



**Revision information:** Original GHS issue 30 Nov 2016. Rev 1: reviewed with no changes. Rev 2: reviewed with no changes.

**For Industrial Use Only**

**END OF SAFETY DATA SHEET**