



zymöl enterprises, inc.
190 Champion Drive
Brooksville, FL 34601

SAFETY DATA SHEET

1. Product and Company Identification

1.1 Product Identifier

Product Name: Zymöl Leather Conditioner
Product Code (SKU): Z-509 (50443)

1.2 Relevant Identified Uses Of The Substance

Product Use: Footwear or Leather Care Products – All Other Forms

1.3 Details of the Supplier of the SDS

Company Name: Zymöl Enterprises, Inc.
Street Address: 190 Champion Drive
City, State, Zip Code: Brooksville, FL 34601

1.4 Emergency Telephone Numbers

Phone Number: 1(800) 999-5563
Fax Number: Not available
Transportation: 1(800) 424-9300 (CHEMTREC) Call
Medical Assistance: your local Poison Control Center

2. Hazard Identification:

2.1 Classification of the Substance or Mixture

Hazard Classification: Not classified as a hazardous material

2.2 Label Elements

Pictogram: Not required

Signal Word: None

Hazard Statement: None

Precautionary Statement: None

2.3 Other Hazards

Description of additional HNOC: None

3. Information on Ingredients:

3.1 Substance not applicable

3.2 Mixture

| <u>Component</u> | <u>CAS Number</u> | <u>Concentration (wt%)</u> |
|-----------------------|-------------------|----------------------------|
| Water | 7732-18-5 | >70% |
| Polydimethyl siloxane | 63148-62-9 | 5-10% |
| Neatsfoot Oil | 8002-64-0 | 10-15% |
| Natural Waxes | Proprietary | 10-15% |

4. First Aid Measures:

4.1 Description of First Aid Measures

Inhalation: Remove to fresh air and promote deep breathing. Get medical attention if effects persist.

Skin: In case of skin contact, wash thoroughly with soap and water. If irritation persists, get medical attention.

Eyes: In case of eye contact, immediately flush eyes with plenty of water. Remove contact lenses if worn. If irritation persists, get medical attention

Ingestion: If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Give water to drink if conscious. Get medical attention if effects persist.

4.2 Most important symptoms and effects – acute and chronic

Inhalation: May cause respiratory tract irritation.

Skin: May cause skin irritation. May cause drying, cracking, or mild dermatitis.

Eyes: May cause temporary eye irritation.

Ingestion: May cause stomach distress, nausea, and vomiting.

4.3 Indication of any immediate medical attention and special treatment

Symptoms may not appear immediately. Seek medical attention if effects persist and you feel unwell.

5. Fire Fighting Measures:

5.1 Extinguishing media

Water spray, carbon dioxide, dry chemical, and alcohol foam

a. Special hazards arising from the substance or mixture

CO₂, CO, and hydrocarbons

5.3 Advice for Fire Fighters

Keep up wind of fire. Wear full firefighting turn out gear (full bunker gear) and respiratory protection (SCBA). See Section 8 for personal protection.

6. Accidental Release Measures:

6.1 Personal precautions, protective equipment, and emergency procedures

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2 Methods and materials for containment and clean up

For containment: Contain and absorb spill with inert material. Place in suitable container for disposal. Spilled material may be slippery.

For clean up: Take up material and place in a suitable container. Provide adequate ventilation. Spilled material may be slippery.

7. Handling and Storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not swallow. Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. Launder all clothing and foot wear before re-use.

7.2 Conditions for safe storage including incompatibilities

Keep out of reach of children. Keep container tightly closed. Store in a well ventilated place. Do not store above 49°C (120°F).

7.3 Specific end uses

Shelf Life: Shelf life is considered to be 7 – 10 years when properly stored and kept closed.

8. Exposure Control/Personal Protection:

8.1 Control parameters

| <u>Exposure Limits</u> | <u>8 hr TWA:</u> | <u>(OSHA PEL)</u> | <u>(ACGIH TWA)</u> |
|------------------------|------------------|-------------------|--------------------|
| Polydimethyl | | not applicable | not applicable |
| Neetsfoot Oil | | not applicable | not applicable |
| Natural Waxes | | not applicable | not applicable |

8.2 Exposure controls

Use adequate ventilation to keep exposure below recommended limits. Ensure that eye wash station and safety shower are close to work station.

Hand Protection Equipment: Wear chemical resistant gloves and clothing to prevent skin contact.

Eye Protection Equipment: Wear safety glasses or splash goggles to prevent eye contact.

Skin and Body Protection: Wear suitable protective clothing.

Respiration/Ventilation Protection Requirements: Provide good ventilation.

Ingestion Protection Requirements: Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. Launder all clothing and foot wear before re-use.

9. Physical And Chemical Properties:

9.1 Information of basic chemical and physical properties

| | |
|---------------------------------------|--|
| Physical Form: | viscous liquid |
| Color: | light yellow |
| Odor: | fruity |
| Odor Threshold: | not available |
| pH: | 7.25 |
| Melting Point/Freeze Point: | 0°C (32°F) – Based on Water |
| Initial Boiling Point: | 100°C (212°F) – Based on Water |
| Flash Point (Seta Closed Cup): | >93°C (200°F) |
| Flammability Limits: | Explosive Limits: Upper: not available Lower: not available |
| Evaporation Rate: | not available |
| Flammability Solid/Gas: | not applicable |

| | |
|---|---------------|
| Vapor Pressure: | not available |
| Vapor Density: | not available |
| Specific Gravity: | 1.004 |
| Solubility in Water: | dispersible |
| Auto Ignition Temperature: | not available |
| Partition coefficient (n/octonol/water): | not available |
| Viscosity: | 6000 cP |

9.2 Other information

| | |
|-----------------------------------|-------|
| %NVM by Weight: | 15.2% |
| %VOC Content (California): | 0.0% |

10. Stability and Reactivity:

10.1 Reactivity

Does not react under normal conditions

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

Does not react under normal conditions

10.4 Conditions to avoid

Heat and incompatible materials

10.5 Incompatible materials

Strong oxidizers such as bleach and peroxides

10.6 Hazardous decomposition products

CO₂, CO and hydrocarbons

11. Toxicological Information:

11.1 on Toxicological effects

Zymöl Leather Conditioner

| | |
|-----------------------|-----------------|
| LD50 – Oral Rat | >2000 mg/Kg |
| LD50 – Dermal Rabbit | >2000 mg/Kg |
| LC50 – Inhalation Rat | >20 mg/L (4 hr) |

Polydimethyl Siloxane (63148-62-9)

| | |
|-----------------------|------------------|
| LD50 – Oral Rat | >40000 mg/Kg |
| LC50 – Inhalation Rat | >535 mg/L (4 hr) |

| | |
|--|--|
| Skin corrosion/irritation | Based on available data, classification data are not met |
| Serious eye damage/irritation | Based on available data, classification data are not met |
| Respiratory or skin sensitization | Based on available data, classification data are not met |
| Germ cell mutagenicity | Based on available data, classification data are not met |
| Carcinogenicity | Based on available data, classification data are not met |
| Reproductive toxicity | Based on available data, classification data are not met |
| Specific target organs – single exposure | Based on available data, classification data are not met |
| Specific target organs – repeated exposure | Based on available data, classification data are not met |
| Aspiration hazard | Based on available data, classification data are not met |

Symptoms/injuries after inhalation May cause respiratory tract irritation
Symptoms/injuries after skin contact May cause skin irritation. May cause drying, cracking, or mild dermatitis.
Symptoms/injuries after eye contact May cause temporary eye irritation.
Symptoms/injuries after ingestion May cause stomach distress, nausea, and vomiting.

12. Ecological Information:

12.1 Toxicity

Not recommended for release into aquatic systems without treatment

12.2 Persistence and degradability

Not established

12.3 Bioaccumulative potential

Not established

12.4 Mobility in soil

Not established

12.5 Other adverse effects

None known

13. Disposal Considerations:

13.1 Waste treatment methods

RCRA Hazardous Waste:

not regulated as a hazardous waste

Waste Disposal Method:

Dispose of in accordance with local, state and federal regulations

Waste Disposal Vessel:

Plastic or metal drums.

14. Transportation Information:

14.1 UN number

None - not regulated as a hazardous material

14.2 UN Proper shipping name

None

14.3 Transport Hazard class

Not applicable

14.4 Packaging group

Not applicable

14.5 Marine Pollutant

No

14.6 Transportation in Bulk

Not applicable

14.7 Special precautions

None

15. Regulatory Information:

15.1 US Federal Regulations

TSCA Status: All ingredients are commercially available and listed by the manufacturer under TSCA.

15.2 Foreign Regulations

Canadian Status: All materials contained in this product are listed on the Canadian Domestic Substance List (DSL). Consult Zymöl Enterprises, Inc. regarding status of ingredients.

European Union: All materials contained in this product are listed on EINECS.

AICS: All materials are registered for AICS (Australia)

15.3 State Regulations

State Regulatory Information:

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements, contact the appropriate agency in your state.

California Prop 65:

| <u>CAS Number</u> | <u>Concentration</u> | <u>State Code</u> |
|-------------------|----------------------|-------------------|
| None | | |

15.4 HIMS & NFPA Classifications

| | | |
|----------------------|--------------|---|
| HIMS Classification: | Health | 1 |
| | Flammability | 1 |
| | Reactivity | 0 |
| NFPA Classification: | Health | 1 |
| | Flammability | 1 |
| | Reactivity | 0 |

16. Other Information:

| | |
|--------------------------|---|
| Reason For Issue | Conversion to OSHA GHS SDS Format |
| Prepared By | James Heidel |
| Preparer's Title | Technical Director, R&D |
| SDS Administrator | Jean Mayszak – Technical Compliance Manager |
| Approval Date | January 13, 2015 |
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| Revision Number | A – 3 |

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