

The Valspar Corporation

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: DSL330,335,336,337
Product Name: DRI-SLIDE ROBOTICS GREASE LG-01-02
Product Use: LUBRICANT
Print date: 27/Feb/2007
Revision Date: 26/Feb/2007

Company Identification

The Valspar Corporation
1101 Third Street South
Minneapolis, MN 55415
Manufacturer's Phone: 1-612-332-7371

24-Hour Medical Emergency Phone: 1-888-345-5732

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

| Common Name CAS-No. | Approx. Weight % | Chemical name |
|------------------------|---------------------|-----------------------|
| PROPRIETARY OIL | 85 - 90 | PROPRIETARY OIL |
| SUPPLIER TRADE SECRET | .1 - 1 | SUPPLIER TRADE SECRET |

If this section is blank there are no hazardous components per OSHA guidelines.

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion
Skin absorption

Emergency Overview:

This section not in use.

This product contains ingredients that may contribute to the following potential acute health effects:

Inhalation Effects:

Exposure to mists or vapors may cause irritation of the respiratory tract. If large concentrations of vapors are inhaled, or if the product is processed, sprayed/misted or heated this product can irritate mucous membranes of the upper respiratory tract, with symptoms of sore throat, coughing, and headache.

Eye Contact:

Causes severe eye irritation

Skin Contact:

May cause dermatitis.

Acute Ingestion:

May be harmful if large amounts are swallowed. May cause pain, nausea, vomiting and diarrhea.

Other Effects:

None known

This product contains ingredients that may contribute to the following potential chronic health effects:

Prolonged or repeated exposure may cause conjunctivitis. May cause eye damage and pain. Symptoms may include redness, burning, drying and cracking of the skin, and skin burns.

See Section 11 for toxicological information about Mutagens, Teratogens and Carcinogens.

If this section is blank, no information is available.

4. FIRST AID MEASURES

Inhalation:

If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult. Keep at rest. Move person to fresh air.

Eye Contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Skin Contact:

In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. If irritation persists get medical attention. Remove contaminated shoes and discard. Destroy contaminated leather apparel. Remove contaminated clothing and launder before reuse.

Ingestion:

If swallowed, get medical attention immediately.

Medical conditions aggravated by exposure: Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

| | |
|----------------------------------|--|
| Flash point (Fahrenheit): | 236° F (113° C) TCC/PM |
| Lower explosive limit: | Not available. % |
| Upper explosive limit: | Not available. % |
| Autoignition temperature: | Not available. ° F (° C) |
| Sensitivity to impact: | No. |
| Sensitivity to static discharge: | Sensitivity to static discharge is not expected. |
| Hazardous combustion products: | See Section 10. |

Unusual fire and explosion hazards:

None known.

Extinguishing media:

Carbon dioxide, dry chemical, foam and/or water fog.

Fire fighting procedures:

Use water spray to cool nearby containers and structures exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:

Avoid contact with eyes.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:

Keep container closed when not in use.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and face protection:

Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eye.

Skin protection:

Appropriate chemical resistant gloves should be worn. To prevent skin contact wear protective clothing covering all exposed areas.

Respiratory protection:

If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

Ventilation

Required when spraying or applying in confined area.

Exposure Guidelines**OSHA Permissible Exposure Limits (PEL's)****ACGIH Threshold Limit Value (TLV's)**

If this section is blank, no information is available.

9. PHYSICAL PROPERTIES

| | |
|---|-------------------------------|
| Odor: | Normal for this product type. |
| Physical State: | Liquid |
| pH: | Not determined. |
| Vapor pressure: | 1 mmHG @ 68° F (20° C) |
| Vapor density (air = 1.0): | Not determined. |
| Boiling point: | 550° F (288° C) |
| Solubility in water: | Insoluble. |
| Coefficient of water/oil distribution: | Not determined. |
| Density (lbs per US gallon): | 7.69 |
| Specific Gravity: | .92 |
| Evaporation rate (butyl acetate = 1.0): | Not determined. |

10. STABILITY AND REACTIVITY

| | |
|-----------------------------------|-------------------------------------|
| Stability: | Stable |
| Conditions to Avoid: | None known. |
| Incompatibility: | Strong oxidizers. |
| Hazardous Polymerization: | None anticipated. |
| Hazardous Decomposition Products: | Carbon monoxide and carbon dioxide. |

Sensitivity to static discharge: Sensitivity to static discharge is not expected.

11. TOXICOLOGICAL INFORMATION

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Mutagens:

Teratogens:

Carcinogens:

If this section is blank, no information is available.

12. ECOLOGICAL DATA

Not available at this time.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation

Proper Shipping Name: LUBRICANT, NOT REGULATED

UN ID Number: NRLUBE

49 CFR Hazardous Material Regulations Parts 100-180

The supplier will apply the combustible liquid exception in 49 CFR 173.150(f), limited quantity or "does not sustain combustion" exceptions and consumer commodity rules, when authorized. Please check 49 CFR Parts 100-180 to determine if the use of these exceptions applies to your shipments when re-shipping our products.

International Air Transport Association:

Proper Shipping Name: LUBRICANT, NOT REGULATED

UN ID Number: NRLUBE

International Maritime Organization:

Proper Shipping Name: LUBRICANT, NOT REGULATED

Non-Bulk UN ID Number: NRLUBE

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

| Common Name CAS-No. | Approx. Weight % | SARA 302 | SARA 313 | CERCLA RQ in lbs. |
|------------------------|---------------------|----------|----------|-------------------|
| SUPPLIER TRADE SECRET | .1 - 1 | | YES | |

SARA 311/312 Hazard Class:

Acute: Yes

Chronic: No

Flammability: No

Reactivity: No

Sudden Pressure: No

U.S. STATE REGULATIONS:

Pennsylvania Right To Know:

PROPRIETARY OIL

Trade Secret

Additional Non-Hazardous Materials

PROPRIETARY RESIN

Trade Secret

California Proposition 65:

WARNING: This product contains a chemical known to the State of California to cause cancer.

Rule 66 status of product

Not photochemically reactive.

INTERNATIONAL REGULATIONS - Chemical Inventories

TSCA Inventory:

All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substances List:

All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

| | |
|----------------------|--|
| Health: | 1 |
| Flammability: | 1 |
| Reactivity: | 1 |
| PPE: | X - See Section 8 for Personal Protective Equipment (PPE). |

Abbreviations:

OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

Disclaimer:

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