



JAX INC.

Approval Date 2/9/2009
 Supersedes Date 10/6/2008

Material Safety Data Sheet

| Section I. Chemical Product and Company Identification | |
|--|---|
| Product Name/ Trade Name | JAX DREDGE-GUARD SW-2 |
| Supplier | JAX INC. W134 N5373 CAMPBELL DRIVE MENOMONEE FALLS, WI 53051 USA |
| Synonym(s) | None |
| Chemical Name | Lubricating grease |
| Chemical Family | Hydrocarbon |
| Chemical Formula | Mixture |
| Material Uses | Lubricant |
| Product ID No. | DGSW2 |
| Emergency Contact | For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident, Call CHEMTREC: NORTH AMERICA 800-424-9300 INTERNATIONAL +01-703-527-3887 Collect |
| Non-Emergency Contact | JAX: 262-781-8850 JAX/FAX: 262-781-3906 |

| Section II. Composition and Information on Ingredients | | | | |
|--|-----------------------------------|-----------|-------------|--|
| Name | PEL/TLV, Source | CAS # | % by Weight | |
| PROPRIETARY FORMULA. | | | | |
| Zinc compounds | 5 mg/m ³ (fumes), OSHA | Mixture | 5-10 | |
| Graphite | 15 mppcf, OSHA | 7782-42-5 | 5-10 | |
| Molybdenum disulfide | 10 mg/m ³ , OSHA | 1317-33-5 | 1-5 | |
| LC ₅₀ , LD ₅₀ of Ingredients | Not available | | | |

| Section III. Hazards Identification | |
|-------------------------------------|--|
| Emergency Overview | Potential health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized. |
| Potential Health Effects: | |
| Eye Contact | May cause slight irritation and redness. |
| Skin Contact | May cause slight irritation. |
| Ingestion | Ingestion may cause irritation of the digestive tract. Aspiration into lungs can cause pneumonitis, which can be fatal. |
| Inhalation | Not expected to present an inhalation exposure risk at ambient temperatures. If vapors or mists are created upon heating or by mechanical means, vapors or mists may be produced which may cause irritation of the breathing passages. |

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Section III. Hazards Identification (cont'd)

| | | | | | |
|-----------|------------------|----------------|---------------------------|--|-------------------------------------|
| HMIS Code | Health: 1 | Fire: 1 | Physical Hazard: 0 | HAZARD RATINGS | |
| | | | | 0 Minimal Hazard 1 Slight Hazard 2 Moderate Hazard | 3 Serious Hazard 4 Severe Hazard |

Section IV. First Aid Measures

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| Eye Contact | Remove contact lenses, if wearing, and flush eyes with water. If irritation persists, consult a physician. |
| Skin Contact | Remove clothing and shoes, if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing before reuse and discard oil-soaked shoes. If irritation persists, consult a physician. |
| Ingestion | If swallowed, DO NOT induce vomiting. As a precaution, give the person a glass of water to drink and seek medical attention. Never give anything by mouth to an unconscious person. Consult a physician. |
| Inhalation | If exposed to excessive levels of material in the air, move the exposed person to fresh air. Seek medical attention if coughing or respiratory discomfort occurs. |

Section V. Fire and Explosion Data

| | | | |
|---|--|--|---------------|
| Autoignition Temperature | Not available | Sensitivity to Impact | Not available |
| Flash Point | 500°F (260°C), ASTM D 92 | Sensitivity to Static Discharge | Not available |
| Flammable Limits (Approx.) | LOWER Flammable Limit: Not available | UPPER Flammable Limit: | Not available |
| Explosion Hazards | See Lower and Upper Flammable Limits | | |
| Products of Combustion | Oxides of carbon, sulfur and nitrogen if burned | | |
| Firefighting Media and Instructions | Water fog, carbon dioxide, dry chemical, foam, earth or sand are all be suitable for extinguishing fires involving this type of product, depending on the size or potential size of fire and circumstances related to the situation. Do not use water as an extinguishing medium, as it may cause frothing. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists. Use water to keep fire-exposed containers cool. Firefighters should wear full protective gear, including helmet. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed. | | |
| Special Remarks - Fire and Explosion Hazards | None | | |

Section VI. Accidental Release Measures

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|-----------------------------|---|
| Release or Spill | Recover free product using non-sparking tools and equipment. Add sand, earth, or other suitable absorbent material to the spill area. Minimize breathing vapors. Minimize skin contact. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if the product has entered or may enter sewers, watercourse, or extensive land areas. |
| Environmental Impact | Report spills as required to the appropriate authorities. U.S Coast Guard Regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to the Coast Guard toll-free number 800-424-8802. |

Section VII. Handling and Storage

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| Handling | Use with adequate ventilation. Do not smoke while using this product. Do not get in eyes or on clothing. Keep away from sparks and open flames. Wash thoroughly after handling. |
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Section VII. Handling and Storage (cont'd)

Storage Store in a cool, dry place. Do not store near heat, sparks, open flame, pilot lights, static electricity, or where temperature may exceed 120°F (49°C). Keep container closed. Keep out of reach of children.

Section VIII. Exposure Controls and Personal Protection

Respiratory Protection Use respiratory protection if needed to keep airborne levels below recommended oil mist exposure limits.

Ventilation Use in a well-ventilated area. See Engineering Controls.

Protective Gloves Wear gloves made of polyvinyl alcohol, neoprene or polyethylene.

Eye Protection Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.

Personal Hygiene Wash skin thoroughly after contact, before breaks and meals and at the end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

Engineering Controls Good general ventilation should be sufficient to control vapors under ambient conditions. Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits.

Exposure Limit 5 mg/m³ (oil mist) OSHA, for total product; see Section II for component exposure limit(s).

Section IX. Physical and Chemical Properties

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|-------------------------------|----------------------------------|--|---------------|
| Appearance/Odor | Black semi-solid with bland odor | Vapor Pressure | Nil |
| Odor Threshold | Not available | Vapor Density | Not available |
| Specific Gravity | 0.92 @ 16°C | Percent Volatile | 0 |
| Density | Not available | Evaporation Rate | Not available |
| Molecular Weight | Not available | Viscosity | Not available |
| pH | Not available | Solubility in Water | Nil |
| Boiling Point | >700°F (371°C) | Coefficient of Water/Oil Distribution | Not available |
| Freezing/Melting Point | Not available | Physical State | Semi-solid |

Section X. Stability and Reactivity Data

Stability Stable under normal temperatures and pressures. **Conditions of Reactivity** Not available

Conditions of Instability Not available

Conditions and Materials to Avoid Keep away from sparks and open flames. Avoid contact with strong oxidizers.

Hazardous Polymerization Hazardous polymerization will not occur.

Hazardous Decomposition Products Oxides of carbon, sulfur and nitrogen if burned

Section XI. Toxicological Information

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|---------------------------------------|---|---------------------------------------|---------------|
| Routes of Entry | Dermal contact, eye contact, inhalation, ingestion. | Ingestion | Not available |
| Toxicity to Animals | Not available | Inhalation | Not available |
| Effects of Acute Exposure | Not available | Toxically Synergistic Products | Not available |
| Acute Effects of Sensitization | Not available | | |
| Chronic Effects on Humans: | | | |
| Carcinogenic Effects | This product does not contain a carcinogen or potential carcinogen as listed by NTP, IARC, or OSHA [29 CFR 1910.1200(D)#4]. | | |
| Mutagenic Effects | No data available to indicate any components present at greater than 0.1% may present a mutagenic hazard. | | |

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Section XI. Toxicological Information (cont'd)

Teratogenic Effects No data available to indicate any components present at greater than 0.1% may present a teratogenic hazard.

Reproductive Effects No data available to indicate any components present at greater than 0.1% may present a reproductive hazard.

Section XII. Ecological Information

Ecotoxicity There is no data available on the adverse effects of this material on the environment.

Section XIII. Disposal Considerations

Waste Disposal Consult federal, state or local authorities for proper disposal and reporting procedures. All disposals must comply with federal, state and local regulations.

Section XIV. Transportation Information

U.S. D.O.T.

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|-----------------------|---------------|-----------------------|------|
| Shipping Name: | Not regulated | UN Number: | None |
| Hazard Class: | None | Packing Group: | None |
| Remarks | None | | |

Section XV. Regulatory Information

U.S. Federal Regulations:

CERCLA Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is regulated by 40 CFR 302.4 :
None

SARA (Section 313) This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations:
Zinc compounds, present at 5-10%

SARA Extremely Hazardous List This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List:
None

TSCA Inventory All components of this material are on the U.S. TSCA Inventory.

California Prop. 65 This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive harm:
None

International Regulations:

Canada All components are in compliance with the Canadian Environmental Protection Act. This product has been classified in accordance with the hazard criteria of the CPR and this MSDS contains all the information required by CPR.

Japan MITI Not available

Australia Not available

Switzerland Not available

Section XVI. Other Information

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Prepared by Technical Services 262-781-8850

Sections Revised Since Last Version Section I

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