

WHITMORE'S

MATERIAL SAFETY DATA SHEET

| I. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY | | | | | |
|---|---|-------------------------------|---------------------------------------|---|---------------------------------|
| Product Name: | Onyx™ | Manufacturer/Supplier: | | The Whitmore Manufacturing Company 930 Whitmore Drive Rockwall, Texas 75087, U.S.A. | |
| Chemical Family: | Calcium Sulfonate Complex Grease | | | | |
| Use: | Lubricating Grease | | | | |
| Emergency Tel. No.: | CHEMTREC | U.S.A. & Canada | 800-424-9300 (24 hrs) | | |
| | | International | 703-527-3887 (Collect - 24 hr) | | |
| | | Australia | 00-111-703-527-3887 (Collect - 24 hr) | | |
| II. COMPOSITION INFORMATION ON INGREDIENTS | | | | | |
| Hazardous Components | CAS No. | Wt% | OSHA PEL | ACGIH TLV | Other Limits of Exposure |
| None | | | | | |
| III. ADVERSE HUMAN HEALTH EFFECTS | | | | | |
| Eyes: | Any eye contact will cause irritation. | | | | |
| Skin: | Prolonged skin contact will cause irritation. | | | | |
| Inhalation: | Breathing fumes in confined areas at elevated temperatures will cause lung irritation. | | | | |
| Ingestion: | Harmful if swallowed. | | | | |
| IV. FIRST AID MEASURES | | | | | |
| Eyes: | Flush with large amounts of cold water. If irritation persists, SEEK MEDICAL ATTENTION. | | | | |
| Skin: | Thoroughly wash exposed area with soap and water. | | | | |
| Inhalation: | Provide fresh air source. If irritation persists, SEEK MEDICAL ATTENTION. | | | | |
| Ingestion: | Do not induce vomiting. SEEK MEDICAL ATTENTION. | | | | |
| V. FIRE FIGHTING MEASURES | | | | | |
| Extinguishing Media: | Foam, CO ₂ , Dry Chemical | | | | |
| Unsuitable Extinguishing Media: | Not Known | | | | |
| Fire Fighting Protective Equipment: | Treat as an oil fire. | | | | |
| VI. ACCIDENTAL RELEASE MEASURES | | | | | |
| Personal Precautions: | Wear plastic or neoprene rubber gloves. | | | | |
| Environmental Precautions: | Do not allow it to enter drains. | | | | |
| Spillage: | Absorb with dry inert material and shovel up. | | | | |
| VII. HANDLING AND STORAGE | | | | | |
| Handling: | Keep away from open flame and sparks. | | | | |
| Storage: | Store in metal containers until disposal. | | | | |
| VIII. EXPOSURE CONTROL/PERSONAL PROTECTION | | | | | |
| Respiratory Protection: | If product is overheated, use organic NIOSH/MSHA filter-type respirator. | | | | |
| Hand Protection: | Plastic or Neoprene Rubber | | | | |
| Eye Protection: | Safety Goggles. | | | | |
| Body Protection: | None | | | | |

HMS SYMBOLS

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| Reactivity | 0 |
| PPI | B |

MSDS-488

Effective Date: 6-6-06

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| IX. PHYSICAL AND CHEMICAL PROPERTIES | | | | | | | |
|---|---|---|--|----------------------------|-----------|---------------------|-----|
| Physical State: | Grease | Color: | Black | Odor: | Petroleum | | |
| Boiling Range/point, °F (°C): | N/A | Melting Point, °F (°C): | N/A | | | | |
| Flash Point (COC), °F °C: | [>374 (>190) (Base Oils)] | Autoignition Temperature, °F (°C): | Not Known | | | | |
| Explosive Properties: | LEL: N/A | UEL: N/A | Evaporation Rate (Butyl Acetate): | N/A | | | |
| Partition Coefficient (Log Pow): | N/A | | Vapor Pressure (kPa): | Nil | | | |
| Density: | 0.96 - 0.98 | Flammability: | Not Known | | | | |
| Oxidizing Properties: | Nil | Solubilities in Water: | Nil | Vapor Density: | N/A | % Volatiles: | N/A |
| X. STABILITY AND REACTIVITY | | | | | | | |
| Stability: | Chemically stable under normal conditions. | | | | | | |
| Conditions to Avoid: | Direct flame. | | | | | | |
| Materials to Avoid: | Strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc. as this presents an explosion hazard. | | | | | | |
| Decomposition Products: | Oxides of carbon, sulfur, carbon, nitrogen, & hydrocarbon. | | | | | | |
| XI. TOXICOLOGICAL INFORMATION | | | | | | | |
| Acute Toxicity: | Not Known | | Skin Irritancy: | Very Mild | | | |
| Chronic Toxicity: | Not Known | | Skin Sensitization: | Not Known | | | |
| Sub-acute/Subchronic Toxicity: | Not Known | | Genotoxicity: | Not Known | | | |
| California Prop 65: | Not Available | | EC Classification (67/548/EEC): | No | | | |
| Carcinogenicity: | NTP: No | IARC: No | OSHA: No | | | | |
| LC-50: | Not Available | | LD-50: | Not Available | | | |
| XII. ECOLOGICAL INFORMATION | | | | | | | |
| Possible Effects: | Unknown | | | | | | |
| Behavior: | Relatively well behaved. Bioaccumulation potential nil. | | | | | | |
| Environmental Fate: | Not thought to be toxic to marine or land organisms. | | | | | | |
| XIII. WASTE DISPOSAL | | | | | | | |
| Product Disposal: | Observe all local, state & federal regulations concerning disposal of lubricating grease. | | | | | | |
| Container Disposal: | Observe all local, state & federal regulations concerning disposal of lubricating grease. | | | | | | |
| XIV. TRANSPORT INFORMATION | | | | | | | |
| DOT: | Not Regulated | | UN No.: | Not Regulated | | | |
| Air Transport (ICAO/IATA): | Not Regulated | | | | | | |
| Sea Transport (IMO/IMDG): | Not Regulated | | | | | | |
| Road and Rail Transport (ADR/RID): | Not Regulated | | | | | | |
| XV. REGULATORY INFORMATION | | | | | | | |
| Labeling Information: | N/A | | EC Annex 1 Classification: | N/A | | | |
| R Phrases: | N/A | | | | | | |
| S Phrases: | S2 Keep away from children. | | | | | | |
| Ozone Depleting Chemicals: | None/Nil | | TSCA: | All Components are listed. | | | |
| WHMIS (Canada): | Not Regulated | | | | | | |
| EPA Regulation 40 CFR Part 372 (SARA Section 313): | None | | | | | | |
| XVI. OTHER INFORMATION | | | | | | | |
| None | | | | | | | |