

WHITMORE'S

MATERIAL SAFETY DATA SHEET

Not classified as hazardous according to criteria of Worksafe Australia.

| I. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY | | | | | |
|---|---|-------------------------------|---|------------------|---------------------------------|
| Product Name: | EnviroLube® XE (Heavy) | Manufacturer/Supplier: | The Whitmore Manufacturing Company 930 Whitmore Drive Rockwall, Texas 75087, U.S.A. | | |
| Chemical Family: | Thermoplastic Polymers With Petroleum Hydrocarbon | | | | |
| Use: | Open Gear Lubricant | | | | |
| 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 | | | | | |
| <u>Hazardous Components</u> | <u>CAS No.</u> | <u>Wt%</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>Other Limits of Exposure</u> |
| None | | | | | |
| III. ADVERSE HUMAN HEALTH EFFECTS | | | | | |
| Eyes: | Any eye contact will cause irritation. | | | | |
| Skin: | Prolonged skin contact may cause irritation. | | | | |
| Inhalation: | Prolonged breathing of vapors will cause 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. If breathing difficulty persists, SEEK IMMEDIATE MEDICAL ATTENTION. | | | | |
| Ingestion: | If cathartic effect persists, SEEK MEDICAL ATTENTION. | | | | |
| V. FIRE FIGHTING MEASURES | | | | | |
| Extinguishing Media: | Foam, Dry Chemical, Carbon Dioxide | | | | |
| Unsuitable Extinguishing Media: | Not Known | | | | |
| Fire Fighting Protective Equipment: | Use organic NIOSHA/MSHA filter-type respirator. | | | | |
| VI. ACCIDENTAL RELEASE MEASURES | | | | | |
| Personal Precautions: | Wear plastic or neoprene rubber gloves and safety goggles. | | | | |
| 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 or sparks. | | | | |
| Storage: | Keep away from open flame or sparks. | | | | |
| VIII. EXPOSURE CONTROL/PERSONAL PROTECTION | | | | | |
| Respiratory Protection: | If overheated, use organic NIOSHA/MSHA filter-type respirator. | | | | |
| Hand Protection: | Protective gloves for hypersensitive persons. | | | | |
| Eye Protection: | Safety Goggles | | | | |
| Body Protection: | None | | | | |

HMS SYMBOLS

| | |
|--------------|---|
| Health | 1 |
| Flammability | 1 |
| Reactivity | 0 |
| PPI | B |

MSDS-452

Effective Date: 3-2-05

Revised Date: 5-20-08

| IX. PHYSICAL AND CHEMICAL PROPERTIES | | | | | | | |
|---|---|---|--|------------------------|---------|---------------------|-------|
| Physical State: | Liquid | Color: | Black | Odor: | Solvent | | |
| Boiling Range/point, °F (°C): | >480 (>249) | Melting Point, °F (°C): | N/A | | | | |
| Flash Point (PMCC), °F (°C): | 245 (118) | Autoignition Temperature, °F (°C): | >412 (>211) | | | | |
| Explosive Properties: | LEL: 1.6 UEL: 10.2 | Evaporation Rate (Butyl Acetate): | <0.1 | | | | |
| Partition Coefficient (Log Pow): | N/A | | Vapor Pressure (kPa): | <0.01 | | | |
| Density: | 8.0 - 8.1 lb/gal | Flammability: | N/A | | | | |
| Oxidizing Properties: | None | Solubilities in Water: | Nil | Vapor Density: | 6.3 | % Volatiles: | 16-23 |
| X. STABILITY AND REACTIVITY | | | | | | | |
| Stability: | Chemically stable under normal conditions. | | | | | | |
| Conditions to Avoid: | Powerful sources of ignition and extreme temperatures. | | | | | | |
| Materials to Avoid: | Strong oxidizing agents. | | | | | | |
| Decomposition Products: | Oxides of carbon, hydrocarbons, and chloride. | | | | | | |
| XI. TOXICOLOGICAL INFORMATION | | | | | | | |
| Acute Toxicity: | Not Known | Skin Irritancy: | Very Mild | | | | |
| Chronic Toxicity: | Not Known | Skin Sensitization: | None | | | | |
| Sub-acute/Subchronic Toxicity: | Not Known | | Genotoxicity: | Not Known | | | |
| California Prop 65: | N/A | | EC Classification (67/548/EEC): | N/A | | | |
| Carcinogenicity: | NTP: No | IARC: | No | OSHA: | No | | |
| LC-50: | Not Available | | | | | | |
| LD-50: | Not Available | | | | | | |
| XII. ECOLOGICAL INFORMATION | | | | | | | |
| Possible Effects: | Not Known | | | | | | |
| Behavior: | Relatively well behaved. Bioaccumulation potential nil. | | | | | | |
| Environmental Fate: | Not thought to be toxic to marine or land organisms | | | | | | |
| XIII. WASTE DISPOSAL | | | | | | | |
| Product Disposal: | Contact waste disposal company or local authority for advice. | | | | | | |
| Container Disposal: | Observe all local, state, and federal regulations. | | | | | | |
| 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: | Not Regulated | | EC Annex 1 Classification: | N/A | | | |
| R Phrases: | N/A | | | | | | |
| S Phrases: | S2 Keep out of the reach of children. | | | | | | |
| Ozone Depleting Chemicals: | None/Nil | | TSCA: | All components listed. | | | |
| WHMIS (Canada): | Not Regulated | | | | | | |
| EPA Regulation 40 CFR Part 372 (SARA Section 313): | None | | | | | | |
| XVI. OTHER INFORMATION | | | | | | | |
| Petroleum Hydrocarbon Base - >70% by wt. | | | | | | | |