



MATERIAL SAFETY DATA SHEET

SharpCool Water Soluble

| I. PRODUCT AND MANUFACTURER INFORMATION | |
|---|---|
| Product name | SharpCool Water Soluble |
| Chemical name | PETROLEUM OIL |
| Synonyms | SOLUBLE CUTTING OIL |
| CAS number | NE |
| Manufacturer | Manufactured for FMT - FASTENAL By: Ashburn Chemical Technologies 7403 Wright Rd Houston, TX 77041 |
| Emergency phone number | USA: 800-424-9300 (CHEMTREC) Outside USA: 703-527-3887 (CHEMTREC) |
| General Information | 832-399-1000 |
| Date of last revision | 9/15/2011 |

| II. HAZARDOUS INGREDIENTS | | | | | |
|--|------------|------------|----------|-----------|--------------------------------|
| HAZARDOUS COMPONENT | CAS NUMBER | % Optional | OSHA PEL | ACGIH TLV | CHEMICAL AND/OR COMMON NAME(S) |
| Severely hydro-treated light naphthenic distillate | 64742-53-6 | | 5 mg/m3 | 5 mg/m3 | Petroleum Oil |
| Chlorinated paraffins | 68410-99-1 | | NE | NE | chloroalkanes |
| | | | | | |
| | | | | | |

| III. PHYSICAL AND CHEMICAL CHARACTERISTICS | |
|--|--|
| Boiling point @ 760 mm Hg | N/D |
| Vapor pressure at 20 °C | N/D |
| Vapor density (air = 1) | N/D |
| Solubility in water | Complete, Forms Emulsion |
| Appearance and odor | Blue Green Transparent Liquid, Mild Odor |
| Specific gravity (H ₂ O = 1.0) | 0.93 |
| pH of solution @ 10:1 | 9.0 |
| Melting point | N/D |
| Evaporation rate (butyl acetate = 1) | <1 |

| IV. FIRE AND EXPLOSION HAZARD DATA | | | |
|---|---|--|--|
| Combustible/Not combustible | Class IIIB Combustible Liquid, Slightly Combustible | | |
| Flammable/Not flammable | Not flammable | | |
| Pyrophoric/Not pyrophoric | Not pyrophoric | | |
| Explosive/Not explosive | Not explosive | | |
| Flash point (test method) | 300F PMCC | | |
| Flammable limits (in Air % by volume) | N/D | | |
| Extinguishing media | Water spray, foam or carbon dioxide | | |
| Special fire-fighting procedures or equipment | Intense heat can cause drums to rupture. Cool fire-exposed containers with water. Treat as hot oil. Fire Fighters should wear NIOSH approved self-contained breathing apparatus. | | |
| Unusual fire and explosion hazards | Intense heat can cause drums to rupture. Cool fire-exposed containers with water. | | |



| V. REACTIVITY DATA | |
|--|--|
| Material is stable/unstable | Stable |
| Conditions to avoid | Strong oxidizers |
| Incompatibility (materials to avoid) | Strong oxidizers |
| Hazardous decomposition or by-products | Thermal decomposition may cause asphyxiants. |
| Hazardous polymerization will/will not occur | Will not occur |

| VI. HEALTH HAZARD DATA | |
|---|--|
| Threshold limit value | TLV for this product not established. Refer to the hazardous materials list for TLV of individual ingredients. |
| Primary route(s) of entry | |
| Known Hazards Under 29 CFR 1910.1200 | |
| Mutagenic (genetic defects) | None |
| Reproductive | None |
| Systemic | None |
| Teratogenic (birth defects) | None |
| Carcinogen listed in: | |
| NTP (National Toxicology Program) | NO |
| IARC Monographs | NO |
| OSHA | NO |
| Signs and symptoms of exposure | |
| Inhalation | If TLV is exceeded, inhalation of oil mist is harmful and may cause lung damage. |
| Skin contact | No irritation under normal conditions. |
| Eye contact | Contact may cause irritation |
| Ingestion | May cause nausea |
| Emergency first aid procedures | |
| Inhalation | Remove to fresh air. If symptoms persist, consult a physician. |
| Skin contact | Wash off with soap and water |
| Eye contact | Flush with large amounts of water. |
| Ingestion | Do not induce vomiting, do not administer liquids. Obtain medical assistance. |
| Medical conditions generally aggravated by exposure | |
| Notes to physician | Treatment of overexposure should be directed toward the control of symptoms and the clinical condition. |

| VII. PRECAUTIONS FOR SAFE HANDLING AND USE | | |
|---|--|--|
| Steps to take if released or spilled | Treat as an oil spill. Dike area. Clean up with adsorbents. Do not flush into drain or sewers. Place in a DOT approved container for disposal. | |
| Waste disposal method | According to federal, state and local regulations. | |
| Precautions for handling and storing | Launder contaminated clothing before reuse. Avoid prolonged breathing of mist and vapors. Use as directed. Normal precautions common to good manufacturing should be followed in handling and storing. Store away from food. Wash hands before eating, drinking, or smoking. | |
| Other precautions | | |
| Hazard ratings | HMIS | |
| Health | 1 | |
| Flammability | 1 | |
| Reactivity | 0 | |
| Personal protection | B | |



| VIII. CONTROL MEASURES | |
|--|--|
| Protective gloves (type and material) | Oil resistant gloves for prolonged or repeated contact. |
| Eye protection | Safety glasses or goggles. |
| Other protective clothing or equipment | |
| Respiratory protection (specify type) | None normally required. If TLV is exceeded, use NIOSH approved respirator. |
| Ventilation and conditions | |
| Local | Local exhaust ventilation may be necessary if misting is generated. |
| Mechanical | |
| Other | |
| Special | |
| Work/hygienic practices | Laundry contaminated clothing before reuse. Avoid prolonged breathing of mist and vapors. Use as directed. Normal precautions common to good manufacturing should be followed in handling and storing. Store away from food. Wash hands before eating, drinking, or smoking. |

| IX. ADDITIONAL REGULATORY INFORMATION | |
|--|--|
| TSCA (Toxic Substances Control Act) | The ingredients of this product are on the TSCA inventory. |
| SARA hazard category (Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III)) | Delayed (Chronic) Health Hazard |
| Toxic chemical(s) subject to the supplier notification requirements of section 313 of the Superfund Amendment and Reauthorization Act of 1986 (SARA) and the requirements of 40 CFR part 372 | None |
| Ingredient(s) regulated under the Clean Air Act Section 112 hazardous air pollutants and subject to all reporting requirements of CERCLA (Superfund) | None |

NA – not applicable NR – not reported ND – not determined NE – not established UN – unknown

The information presented in this MSDS has been compiled from sources deemed reliable. This MSDS is presented in good faith and believed to be accurate as of the effective date shown above. No warranty, expressed or implied, is given. Regulatory requirements are subject to change and may differ from one location to another. It is the responsibility of the buyer to insure compliance with federal, state, provincial and local laws and regulations.