

# MATERIAL SAFETY DATA SHEET

| <b>Manufactured For:</b> Schaeffer Mfg. Company   |   | <b>Emergency Response Number:</b>                           |   |                   |     |                   |
|---|---|---|---|-------------------|-----|-------------------|
| <b>Address:</b> 102 Barton Street   |   | 314-865-4105 (24-hour emergency number) or                  |   |                   |     |                   |
| <b>Address:</b> St. Louis, MO 63104   |   | 800-325-9962  |   |                   |     |                   |
| <b>SECTION 1 – PRODUCT INFORMATION</b>  |   |   |   |                   |     |                   |
| <b>Chemical Family:</b> Petroleum Hydrocarbons and Additives  |   | <b>Trade Name:</b> #238 Ultra Supreme #1                    |   |                   |     |                   |
| <b>Formula:</b> Solvent refined paraffin base oils, PAO synthetic base fluids, aluminum complex thickener, extreme pressure additives, rust and oxidation inhibitors, molybdenum disulfide, tackiness agent.                  |   |   |   |                   |     |                   |
| <b>SECTION 2 – HAZARDOUS INGREDIENTS</b>  |   |   |   |                   |     |                   |
| COMPONENTS-CHEMICAL NAMES AND COMMON NAMES  | CAS Number  | %   | Exposure Limits   |                   |     |                   |
|   |   |   | TVL   |                   | PEL |                   |
|   |   |   | ppm   | mg/m <sup>3</sup> | ppm | mg/m <sup>3</sup> |
| Polyalphaolefin Synthetic Base Fluids   | 68037-01-4  | 10-15   |   | 5                 |     | 5                 |
| 100% Paraffin Base Oil  | 64742-54-7,<br>64742-01-4,<br>64742-65-0,<br>64741-88-4<br>64742-62-7   | 60-70   |   | 5                 |     | 5                 |
| Aluminum Benzoate Stearate (aluminum complex)   | 68647-58-5  | 6-9   |   | NE                |     | NE                |
| Molybdenum Disulfide  | 1317-33-5   | 5-7   |   | 10                |     | 15                |
| Antimony Dithiocarbamate  | 15890-25-2  | 1-3   |   | 0.5               |     | 0.5               |
| Graphite  | 7782-42-5   | 1-3   |   | 10                |     | 15<br>MCPF        |
| Teflon  | 9002-84-0   | 1-3   |   | 10                |     | 15                |
| <b>Section 3 – PHYSICAL DATA</b>  |   |   |   |                   |     |                   |
| <b>Boiling Point:</b>   | >600°F/315.5°C  | <b>Specific Gravity:</b>                                    | 1.03  |                   |     |                   |
| <b>Vapor Pressure (mm, Hg):</b>   | <.1   | <b>% Volatile:</b>  | Not Determined  |                   |     |                   |
| <b>Vapor Density (Air = 1):</b>   | Not Determined  | <b>Evaporation Rate: (=1)</b>                               | Not Applicable  |                   |     |                   |
| <b>Solubility in Water:</b>   | Negligible  | <b>pH:</b>  | Not Applicable  |                   |     |                   |
| <b>Appearance and Odor:</b> Black color, tacky, slight smell.   |   |   |   |                   |     |                   |
| <b>SECTION 4 - FIRE AND EXPLOSION HAZARD DATA</b>   |   |   |   |                   |     |                   |
| <b>Flash Point (Method) °F/°C:</b> 518°F/270°C C.O.C.<br>(ASTM D-92)  |   | <b>Flammability Limits UEL &amp; LEL</b> ----Not Determined |   |                   |     |                   |
| <b>Extinguishing Media:</b> Carbon dioxide foam, dry chemical foam, sand, earth, waterfog.  |   |   |   |                   |     |                   |
| <b>Special Fire Fighting Procedures:</b> For fires involving this material, do not enter any enclosed or confined space without protective equipment including self-contained breathing apparatus.                            |   |   |   |                   |     |                   |
| <b>Unusual Fire &amp; Explosion Hazards:</b> None expected.   |   |   |   |                   |     |                   |
| <b>SECTION 5 - REACTIVITY HAZARD DATA</b>   |   |   |   |                   |     |                   |
| <b>STABILITY</b>  | <input checked="" type="checkbox"/> STABLE  | <input type="checkbox"/> UNSTABLE                           | <b>Hazardous Decomposition</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR |                   |     |                   |
| <b>Conditions to Avoid:</b> High heat, high energy ignition sources   |   |   |   |                   |     |                   |
| <b>Incompatibility (Mat. to avoid):</b> Strong oxidizers.   |   |   |   |                   |     |                   |
| <b>Hazardous Decomposition Products:</b> Oxides of carbon, sulfur, antimony and nitrogen  |   |   |   |                   |     |                   |
| <b>Conditions to Avoid:</b> None  |   |   |   |                   |     |                   |
| <b>SECTION 6 - HEALTH HAZARD DATA</b>   |   |   |   |                   |     |                   |
| <b>Threshold Limit Value and Sources:</b> 5.0/mg/m <sup>3</sup> for oil mist. OSHA & ACGIH.   |   |   |   |                   |     |                   |
| <b>Acute Effects of Overexposure:</b>   |   |   |   |                   |     |                   |
| <b>Ingestion:</b>   | Nausea and Diarrhea. Tackiness agents in this product may be possibly coagulated by stomach acids.  |   |   |                   |     |                   |
| <b>Eye Contact:</b>   | Irritation and redness to eyes  |   |   |                   |     |                   |
| <b>Skin Contact:</b>  | Prolonged and repeated contact with the skin can cause a mild irritation to skin.   |   |   |                   |     |                   |
| <b>Inhalation:</b>  | Vapors can be given off under high heat conditions excessive breathing of vapors can cause irritation of the respiratory tract.   |   |   |                   |     |                   |
| <b>CHRONIC EFFECTS OF OVEREXPOSURE:</b> If ingested in large amounts or repeatedly, damage to the cardiovascular system and respiratory tract can occur.  |   |   |   |                   |     |                   |
| <b>Emergency and First Aid Procedures:</b>  |   |   |   |                   |     |                   |
| <b>Swallowing:</b>  | If a large amount of this material is swallowed give a large amount of water to drink. Do not induce vomiting. Seek medical attention immediately. Treat medically for possible abdominal blockage. |   |   |                   |     |                   |
| <b>Skin:</b>  | Wash skin thoroughly with soap and water. Launder contaminated clothing.  |   |   |                   |     |                   |
| <b>Inhalation:</b>  | Remove victim to fresh air. If breathing is labored administer oxygen. If breathing has stopped start artificial respiration immediately.   |   |   |                   |     |                   |
| <b>Eyes:</b>  | Flush eyes with clear, cool, clean water for 15 minutes. Seek medical attention immediately   |   |   |                   |     |                   |
| <b>SECTION 7 – SPILL OR LEAK PROCEDURES</b>   |   |   |   |                   |     |                   |
| <b>Environmental Impact:</b> This material is not expected to present any environmental problems other than those associated with oil spills. If spilled into a watercourse, call the Coast Guard Toll Free No. 800-424-8802. |   |   |   |                   |     |                   |
| <b>Procedures To Be Taken If Material Is Released or Spilled:</b> Immediately absorb spilled material with absorbent clay, diatomaceous earth or other suitable material. Keep out of sewers and waterways.                   |   |   |   |                   |     |                   |
| <b>Waste Disposal Method:</b> Dispose of at an approved waste or disposal site facility in accordance with all applicable federal, state and local laws and regulations.  |   |   |   |                   |     |                   |
| <b>SECTION 8 – SPECIAL PROTECTION INFORMATION</b>   |   |   |   |                   |     |                   |
| <b>Respiratory Protection:</b>  | None required under ordinary conditions of use.   |   |   |                   |     |                   |
| <b>Ventilation:</b>   | No special requirement under ordinary conditions of use and with adequate ventilation.  |   |   |                   |     |                   |
| <b>Eye Protection:</b>  | Goggles of face shield.   |   |   |                   |     |                   |
| <b>Protective Clothing:</b>   | None required   |   |   |                   |     |                   |

| SECTION 9 – SPECIAL PRECAUTIONS  |  |  |
|--|--|--|
| <b>Precautions To Be Taken In Handling and Storage:</b> Do not store near heat, or strong oxidizers. Keep containers closed when not in use.   |  |  |
| <b>Special Comments:</b> Remove oil soaked clothing, launder before reuse. Wash skin thoroughly with soap and water after handling. Keep away from food and feed products  |  |  |
| SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA  |  |  |
| <b>HMIS &amp; NFPA Ratings: Health = 1      Fire = 1      Reactivity = 0</b>   |  |  |
| This product does not contain any of the chemicals listed on the National Toxicology Program Annual Reports on Carcinogens, The International Agency for Cancer Research Monographs and OSHA's 1910.10 Subpart Z List. |  |  |
| This product does not contain any chemicals that are found on the State of California's Proposition 65 List for chemicals classified as potential reproductive or cancer causing agent.                                |  |  |
| CERCLA 102 (a) information: This product contains 1-3% Antimony Dithiocarbamate  |  |  |
| All the ingredients in this product are in compliance with the US TSCA Inventory. All of the ingredients in this product are in compliance with the Canadian Environmental Protection Act.                             |  |  |

SARA TITLE III INFORMATION

Title III Section 302/304 Extremely Hazardous

| Component | CAS# | % | RQ | TPQ (lbs.) |
|-----------|------|---|----|------------|
| None      |      |   |    |            |

CERCLA Section 102 (a) Hazardous Substances

| Component                | CAS#       | %   | RQ   | RQ (lbs.) |
|--------------------------|------------|-----|------|-----------|
| Antimony dithiocarbamate | 15890-25-2 | 1-3 | 5000 | 250,000   |

Section 313 Toxic Compounds

| Component                | CAS#       | %   | RQ | TPQ |
|--------------------------|------------|-----|----|-----|
| Antimony Dithiocarbamate | 15890-25-2 | 1-3 |    |     |

\*Product RQ for Stationary Sources due to the presence of a CERCLA Section (a) chemical

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