

SS-100

Emergency Number: (517) 496-3780

Section 1 Product Name and Information

Product (Trade Name and Synonyms): SS-100; Becker Semi-Synthetic Vacuum Pump Oil
Chemical Name: Hydrotreated, Paraffinic Mineral Oil
Chemical Family: Semi-Synthetic Hydrocarbon
Formula: Proprietary
CAS#: Proprietary

Section 2 Components and Hazard Statement

This product is non-hazardous. The product contains no known carcinogens. No special warning labels are required under OSHA 29 CFR 1910.1200

Section 3 Safe Handling and Storage

Handling: Do not take internally. Avoid contact with skin, eyes, and clothing. Upon contact with skin, wash with soap and water. Flush eyes with water for 15 minutes and consult physician. Wash contaminated clothing before reuse.

Storage: Keep container tightly sealed when not in use.

Section 4 Physical Data

Appearance: Clear liquid, light amber tint.
Boiling Point: >300 °F
Vapor Pressure: <0.01mmHg @ 20 °C
Specific Gravity (water=1): 0.87 - 0.89
Volitiles, Percent by Volume: 0%
Odor: Slight
Solubility in Water: Insoluble
Evaporation Rate (butyl acetate=1): Nil

Section 5 Fire and Explosion Hazards

Flash Point (by Cleveland Open Cup): 465 - 515 °F
Flammable Limits: Not established
Autoignition Temperature: No data
HMIS Ratings:
 Health: 0
 Flammability: 1
 Reactivity: 0
NFPA Ratings: Not established
Extinguishing Media: Dry chemical; CO₂ foam; water spray (fog)
Unusual Fire and Explosion Hazards: None

Special Fire Fighting Techniques: Burning fluid may evolve irritating/noxious fumes. Firefighters should use NIOSH/MNSA-approved self-contained breathing apparatus. Use water to cool fire-exposed containers. USE WATER CAREFULLY NEAR EXPOSED/BURNING LIQUIDS to avoid frothing and splashing of hot liquid.

Section 6 Reactivity Data

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatible Materials: Strong oxidizers
Conditions to Avoid: Excessive heat
Hazardous Decomposition Products: Analogous compounds evolve carbon monoxide, carbon dioxide, and other unidentified fragments when burned. See Section 5.

Section 7 Health Hazard Data

Threshold Limit Value: 5 mg/m³ ACGIH for oil mists
Situations to Avoid: Avoid breathing oil mists
First Aid Procedures:
 Ingestion: Consult physician at once. DO NOT INDUCE VOMITING. May cause nausea and diarrhea.
 Inhalation: Product is not toxic by inhalation. If oil mist is inhaled, remove to fresh air and consult physician.
To the best of our knowledge, the toxicity of this product has not been fully investigated. Analogous compounds are considered to be essentially non-toxic.

Section 8 Personal Protection Information

Respiratory Protection: Use in well ventilated area
Ventilation: Local exhaust
Protective Gloves: Not required, but recommended, especially for prolonged exposure.
Eye/Face Protection: Goggles

Section 9 Spill or Leak Procedures

In Case of Spill: Wear suitable protective equipment, especially goggles. Stop source of spill. Dike spill area. Use absorbent materials to soak up fluid (i.e., sand, sawdust, and commercially available materials). Wash spill area with large amounts of water. Properly dispose of all materials.

Section 10 Waste Disposal Methods

Incinerate this product and all associated wastes in a licensed facility in accordance with Federal, state, and local regulations.

The information in this material safety data sheet should be provided to all who use, handle, store, transport, or are otherwise exposed to this product. Becker Pumps Corp. believes the information in this document to be reliable and up to date as of the date of publication, but makes no guarantee that it is.

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