

Aaron Industries, Incorporated

East Division

1874 Hwy 72 West
Clinton, S C 29325
Phone: 864-833-2067
Fax: 864-833-3159

Corporate Office

28966 Hwy 76 East
P.O. Box 305
Clinton, SC 29325
Phone : 864-833-0178
Fax: 864-833-5493

West Division

11865 S. Alameda Street
Lynwood, Ca. 90262
Phone: 323-567-2482
Fax: 323-566-6128

MATERIAL SAFETY DATA SHEET MINERAL OIL HEAVY

Revision: 1/8/2008

SECTION I

Manufacturer:	Sonneborn Inc.
Address:	100 Sonneborn Lane Petroliia, PA 16050 Telephone: 724-756-2210 (800) 424-9300
Emergency Phone (Chemtrec):	
Trade Name:	Mineral Oil, USP (CAS#: 8042-47-5)
Synonyms:	White Mineral Oil, USP
Distributed By:	Aaron Industries Incorporated 1874 Hwy. 72 West PO Box 305 Clinton, SC 29325

SECTION II

INGREDIENTS

Component Name:	White Mineral Oil
Hazardous In Blend:	No
Percentage:	100.00 Maximum
Component Exposure Limits:	OSHA PEL - No Limit ACGIH TLV - No Limit

SECTION III

HEALTH EFFECT INFORMATION

Eye Contact: This product is non-irritating to the eyes upon direct contact.

Skin Contact: This product is not expected to cause any irritation upon direct single or repeated and prolonged contact; however, similar chemical composition products applied to the skin of laboratory animals resulted in minimal to slight dermal irritation.

Inhalation: This product has a low vapor pressure and is not expected to present an inhalation hazard at ambient conditions. Caution should be taken to prevent aerosolization or misting of this product. The threshold limit value (TLV) for this product as oil mist is 5 mg/m³. Exposure below 5 mg/m³ appears to be without significant health risk.

Ingestion: Ingestion is relatively non-toxic unless aspiration occurs. This product has laxative properties and may result in abdominal cramps and diarrhea. See Health Data Section.

Health Data: On rare occasions, prolonged and repeated exposure to oil mist poses a risk of pulmonary disease such as chronic lung inflammation. This condition is usually asymptomatic as a result of repeated small aspirations. Shortness of breath and cough are the most common symptoms. Aspiration may lead to chemical pneumonitis which is characterized by pulmonary edema and hemorrhage, and may be fatal.

Signs of lung involvement include increased respiration rate, increased heart rate, and a bluish discoloration of the skin. Coughing, choking, and gagging are often noted at the time of aspiration.

Gastrointestinal discomfort may develop, followed by vomiting, with further risk of aspiration.

MATERIAL SAFETY DATA SHEET
MINERAL OIL - HEAVY
Page 2

SECTION IV

EMERGENCY & FIRST AID PROCEDURES

Eye Contact: Immediately flush eyes with large amounts of water and continue flushing for 15 minutes. If material is hot, treat for thermal burns and take victim to the hospital immediately.

Skin Contact: Remove contaminated clothing. If material is hot, submerge injured area in cold water. If victim is severely burned, remove to a hospital immediately.

Inhalation: This material has a low vapor pressure and is not expected to present an inhalation exposure at ambient conditions. If vapor or mist is generated when the material is heated or handled, remove victim from exposure. If breathing has stopped or is irregular, administer artificial respiration and supply oxygen if it is available. If victim is unconscious, remove to fresh air and seek medical attention.

Ingestion: May act as a laxative. Do not induce vomiting.

SECTION V

PERSONAL HEALTH PROTECTION

Eye Protection: Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety goggles.

Skin Protection: No skin protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious synthetic rubber clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure. If handling hot material, use insulated protective clothing (boots, gloves, aprons, etc.)

Respiratory Protection: Respiratory protection is not required under conditions of normal use. If vapor or mist is generated when the material is heated or handled, use an organic vapor respirator with a dust or mist filter. All respirators must be NIOSH certified. Do not use compressed oxygen in hydrocarbon atmosphere.

Ventilation: If vapor or mist is generated when the material is heated or handled, adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specified exposure or flammable limits.

Other: Consumption of food and beverage should be avoided in work areas where hydrocarbons are present. Always wash hands and face with soap and water before eating, drinking, or smoking.

**MATERIAL SAFETY DATA SHEET
MINERAL OIL - HEAVY**

Page 3

SECTION VI

FIRE PROTECTION INFORMATION

Flash Point: 420°F

Test Method: C.O.C.

Autoignition Temperature: No Data

Test Method: No Data

Flammable Limits in Air % by Vol.

Lower: No Data

Upper: No Data

Extinguishing Media: Use dry chemical, foam, or carbon dioxide.

Special Fire Fighting Procedures: Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Unusual Fire and Explosive Conditions: Dense smoke may be generated when burning. Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

SECTION VII

REACTIVITY DATA

Stability (Thermal, Light, etc.):

Stable

Conditions to Avoid:

None

Hazardous Polymerization:

Will Not Occur

Conditions to Avoid:

None

Incompatibility Materials to Avoid:

May React with Strong Oxidizing Agents.

Hazardous Decomposition Products:

None

SECTION VIII

ENVIRONMENTAL PRECAUTIONS

Steps to be taken if Material is Released or Spilled: Consult Health Effect Information in Section III, Personal Health Protection Information in Section V, Fire Protection Information in Section VI, and Reactivity Data in Section VII. Notify appropriate authorities of spill. Contain spill immediately. Do not allow spill to enter sewers or water-courses. Remove all sources of ignition. Absorb with appropriate inert material such as sand, clay, etc. Large spills may be picked up using vacuum pumps, shovels, or buckets, or other means and placed in drums or other suitable containers. Waste Disposal Method: All disposal must comply with federal, state, and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations. CAUTION: If regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated. Department of Transportation (DOT) regulations may apply for transporting this material when spilled. Waste material may be landfilled or incinerated at an approved facility. Materials should be recycled if possible.

MATERIAL SAFETY DATA SHEET
MINERAL OIL - HEAVY

Page 4

SECTION IX

MISCELLANEOUS

Handling and Storage Requirements: Do not transfer to unmarked containers. Store in closed containers away from heat, sparks, open flame, or oxidizing materials. This product is not classified as hazardous under DOT regulations. Fire extinguishers should be kept readily available. See NFPA 30 and OSHA 1910.106. Flammable and combustible liquids.

Additional Information: No Additional Information.

NFPA Hazard Identification:

Degree of Hazard	Hazard Ratings
Health: 0	0 - Least
Fire: 1	1 - Slight
Reactivity: 0	2 - Moderate
	3 - High
	4 - Extreme

SECTION X

PHYSICAL PROPERTIES

Specific Gravity @ 25°C/25°C	0.8690-0.8850
Boiling Point: 655° F	Percent Volatile: NIL
Melting Point: N/A	Vapor Density (Air = 1): No Data
Appearance: Transparent Water-White Liquid	Evaporation Rate (EE = 1): < 1
Odor: Odorless	Specific Gravity: 0.882 @ 60/60°F
Vapor Pressure: < 1 mm Hg @ 70°F	Molecular Weight: Varies
Viscosity kin @ 40°C	64.5 – 69.70
Solubility: Soluble in Hydrocarbons	

DISCLAIMER OF WARRANTY:

This information contained herein is based upon data available to us, and reflects our best professional judgment. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions or use beyond our control and with which we may be unfamiliar. We do not assume the responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Required under USDL Safety and Health Regulations for ship repairing, ship building, and ship breaking. (29 CFR 1915, 1916, 1917).

By: Environmental, Safety and Health (713) 546-8512 Effective Date: December 16, 1985