

MATERIAL SAFETY DATA SHEET

SECTION I

Manufacturer: **PRESERVATION SOLUTIONS, LLC** Emergency Telephone No. **(303) 642-3060**

Address: 33941 Skyline Drive Golden, CO 80403 U.S.A. FAX: (303) 648-6486

Chemical Name & Synonyms: Hydrotreated Light Distillates Trade Name: **SOLVITOL**

SECTION II – INGREDIENTS and OTHER COMPOUNDS

HAZARDOUS

TLV UNITS

NONE

NON-HAZARDOUS

Trade Secret (Proprietary)

SECTION III – PHYSICAL DATA

PH / NE
BOILING POINT (°F) HIGHER THAN / 440 degrees F
VAPOR PRESSURE (mm Hg) / max. at 20 degrees C 0.22
VAPOR DENSITY (AIR = 1) / 4.5
SOLUBILITY IN WATER / no
SPECIFIC GRAVITY (H₂O = 1) / 0.79
PERCENT VOLATILE BY WEIGHT (%) / nil at ambient temperature
EVAPORATION RATE (EE = 1) / 1
LBS. PER GALLON / 6.64
APPEARANCE and ODOR: / clear and orderless

SECTION IV – FIRE and EXPLOSION HAZARD DATA

FLASH POINT: CLEVELAND OPEN CUP (C.O.C.) 205 degrees F
FLAMABLE LIMITS: LeL: NE UeL: NE
EXTINGUISHING MEDIA: Use water spray (fog), dry chemical, foam, or carbon dioxide
SPECIAL FIRE FIGHTING PROCEDURES: none
UNUSAL FIRE and EXPLOSION HAZARDS: none

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: TLV for petroleum distillates is 2000MG/M3. NIOSH has recommended a 10 hour TWA of 100 MG/M3 for Kerosene

EFFECTS OF OVEREXPOSURE:

EYES – Eye protection is not required under normal use. If the material is handled, such that it could be splashed in the eyes, wear plastic goggles. No apron is required for short term use.

RESPIRATORY - Protection is not required under normal conditions. If vapors or mist is generated, when the material is heated or handled, use a vapor respirator with a dust and mist filter. All respirators must be NIOSH certified. Do not use compressed oxygen in Hydrocarbon atmospheres.

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 specified exposure or flammable limits.

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

EMERGENCY and FIRST AID PROCEDURES:

EYE CONTACT - If contact is made with eyes or skin, flush with plenty of water for 15 minutes or until irritation subsides. If irritation persists, contact a physician.

SKIN CONTACT – Remove contaminated clothing and wash contaminated area thoroughly with soap and water. If redness or irritation persists, seek medical attention.

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

INGESTION – Do not induce vomiting due to aspiration hazard. If vomiting occurs, lower the head below the knees to avoid aspiration. Seek immediate medical attention.

SECTION VI – TRANSPORTATION INFORMATION

MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES
– Not dangerous goods

INTERNATIONAL AIR TRANSPORTATION ASSOCIATION – PASSENGER – Not dangerous goods

INTERNATIONAL AIR TRANSPORTATION ASSOCIATION – CARGO – Not dangerous goods

INTERNATIONAL MARITIME DANGEROUS GOODS – Not dangerous goods

TRANSPORT CANADA – INLAND WATERWAYS – Not dangerous goods

TRANSPORT CANADA – RAIL – Not dangerous goods

TRANSPORT CANADA – ROAD – Not dangerous goods

U.S. DOT – INLAND WATERWAYS – Not dangerous goods

U.S. DOT – RAIL – Not dangerous goods

U.S. DOT – ROAD – Not dangerous goods

SECTION VII – REACTIVITY DATA

STABILITY: STABLE / yes
 UNSTABLE / no
 CONDITIONS TO AVOID / none

INCOMPATIBILITY (Materials to avoid): It may react with strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: none

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR / yes
MAY OCCUR / no
CONDITIONS TO AVOID / none

SECTION VIII – SPILL or LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dam or confine spill. Absorb with drying materials (sand, sawdust, etc.) and place in drum for purpose of disposal. Do not allow spill to enter sewers or watercourses. Remove all sources of ignition.

WASTE DISPOSAL METHOD: All disposals must comply with Federal, State, and Local regulations. The material if discarded may be a regulated waste. Waste material may be land filled or incinerated at an approved facility. Contact appropriate agency for the list of proper land fill sites.

SECTION IX – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): / see section V
VENTILATION: / yes
LOCAL EXHAUST: / see section V
MECHANICAL (GENERAL): / see section V
PROTECTIVE GLOVES: / yes
SPECIAL: / see section V
OTHER: / see section V
EYE PROTECTION: / yes
OTHER PROTECTIVE EQUIPMENT: / apron

SECTION X – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING and STORING: Use in well ventilated area. Do not use or store near open flame, sparks, or direct heat source.

OTHER PRECAUTIONS: Use proper hygiene after handling product.

SECTION XI – TOXICOLOGICAL INFORMATION

Specific toxicity tests have not been conducted on this product. Our evaluation is based on information from the components of this product.

No component of this product is identified as a carcinogen by NTP, IARC or OSHA

NE = NOT ESTABLISHED

N/A = NOT APPLICABLE