

Material Safety Data Sheet Odorless Mineral Spirits

PRODUCT & COMPANY IDENTIFICATION

In case of Emergency call CHEMTREC 1-800-424-9300

Supplier	Simchem Corporation 311 Sarasota Center Blvd., P.O. Box 697, Osprey, Florida, 34229-0697 (941) 377-9935 Fax (941) 377-9539
Revision Date	1/5/1996
Trade Names / Synonyms	Aliphatic hydrocarbons
CAS Number	8052-41-3
Chemical Name	Odorless Mineral Spirits

INGREDIENTS

Component	CAS No.	%
Aliphatic hydrocarbons	8052-41-3	100

HEALTH HAZARDS DATA

Routes of Entry	Inhalation, Skin, Ingestion
Carcinogenicity Inds – NTP	No
IARC	No
OSHA	No
Effects of Exposure	CNS Depression (dizzy, drowsy, weakness, fatigue, nausea, headache, unconscious). Eye: irrit, stinging, tearing, redness Skin: irrit, drying, redness, burning, cracking, burn Inhalation: toxicity, harmful, irrit Ingestion: Toxicity, lung inflammation or damage, GI irritation (nausea, vomit, diarrhea).

FIRST AID MEASURES

Eye Contact	Immediately flush with plenty of water at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.
Skin Contact	Remove contaminated clothing. Wash exposed area with mild soap and water for at least 15 minutes. Get medical advice if irritation develops or persists.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

ACCIDENTAL RELEASE

Spill Release Procedures	Small Spill: Absorb liquid with vermiculite, floor absorbent. Large Spills: Eliminate ignition sources. Stop spill at the source. Prevent from entering waterways or spreading. If runoff occurs, notify authorities.
Waste Disposal Methods	Dispose of in accordance with federal, state and local regulations.
Handling and Storage Precautions	Empty containers are hazardous and contain residue, observe hazard precautions. 5 Gallon pails or large, ground/bond when transferred.
Other precautions	Hydrocarbons can become electro statically charged during mixing, filtering, pumping at high flow rates, sparks can form that may ignite vapors of flammable liquids. Any use of this product at elevated temperature processes should be evaluated.

FIRE FIGHTING MEASURES

Flash Point (test method)	49 °C (120 °F)
Flammable limits in air % by volume	Lel: 0.7; uel: 5.0
Fire Extinguishing Media	Regular Foam, Carbon Dioxide, Dry Chemical
Special Information	Use SCUBA with full face-piece in positive pressure demand mode with turnout gear & chemical resistant personal protective equipment.
Unusual Fire / Explosion Hazard	Vapors are heavier than air & may travel to ignite sources. Don't use welding, cutting torch or near drum (even empty), product can ignite explosively.

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	340 – 400 °f
Vapor Density (Air=1)	4.9
Vapor Pressure (mm Hg) @ 68 °F	2
Appearance and Odor	Colorless liquid, hydrocarbon odor
Solubility in Water	Negligible
Evaporation Rate & Reference	70.00 Ether

REACTIVITY DATA

Hazardous Decomposition Products	Carbon Dioxide, Carbon Monoxide, various hydrocarbons.
Hazardous Polymerization	Will not occur.
Incompatibilities	Strong Oxidizing Agents

EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Respirators (NIOSH Approved)	NIOSH / MSHA Respirators (negative pressure type) under specified conditions. Engineering or administrative controls should be implemented to reduce exposure.
Other Protective Equipment	Emergency eyewash fountain & safety showers, impervious clothes, boots, etc.
Eye Protection	Chemical splash goggle or glasses
Ventilation System	Mechanical (general or local exhaust) ventilation
Supplemental Safety & Health	Pump or Vacuum transfer spilled product to clean container for recovery. Absorb unrecoverable product. Transfer contaminated absorbent to container for disposal.

TRANSPORT INFORMATION

Domestic (Land D.O.T)

Proper Shipping Name	Petroleum Distillates, N.O.S or Petroleum Products, N.O.S.
Hazard Class	3
Un / NA	UN1268
Packing Group	III

International (Water I.M.O.)

Proper Shipping Name	Petroleum Distillates, N.O.S
Hazard Class	3.3
Un / NA	UN1268
Packing Group	III

LABEL INFORMATION

Hazard Warning	WARNING! FLAMMABLE LIQUID AND VAPOR. HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. AFFECTS CENTRAL NERVIIOUS SYSTEM. CAUSES IRRITATION TO SKIN, EYES AND RESIRATORY TRACT.
Precautions	CNS Depression (dizzy, drowsy, weakness, fatigue, nausea, headache, unconscious) Eye: irrit, stinging, tearing, redness Skin: irrit, drying, redness, burning, cracking, burn Inhalation: toxicity, harmful, irrit Ingestion: toxicity, lung inflammation or damage, GI irritation (nausea, vomit, diarrhea)

ADDITIONAL INFORMATION

For industrial use only by trained personnel only!!!

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials, the safety and health of employees, and the protection of the environment.

Seller and manufacturer disclaim any implied or expressed warranties, including warranties of merchantability or fitness of this product for any particular purpose. In no event shall seller be liable for any claim for incidental or consequential damages arising out of or in connection with the sale, delivery, transportation or use of this product. Seller's and manufacturer's liability in all events is limited to, and shall not exceed the purchase price paid for this product.

Attention:

Refer to our Technical bulletin and MSDS regarding, safety, usage, application, and hazards. Consult your supervisor for additional information on Procedures and disposal of this product.