



MATERIAL SAFETY DATA SHEET

2522 Plantation Center Drive
Matthews, NC 28105
(704) 845 9440

www.ciscochem.com

1. PRODUCT NAME: Odorless Mineral Spirits

2. CHEMICAL NAME: Aliphatic Hydrocarbons

3. SYNONYMS: OMS

4. CAS NUMBER: 8052-41-3

5. COMPOSITION: Aliphatic hydrocarbons
Cas: 8052-41-3
100 %

6. 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
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide, various hydrocarbons.
HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBILITIES: Strong Oxidizing Agents.

7. HAZARDS: 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).

8. FIRE FIGHTING INFORMATION: FLASH POINT (test method): 49 C (120 F)
FLAMMABLE LIMITS IN AIR % BY VOLUME: Lel: 0.7; uel: 5.0
FIRE EXTINGUISH MEDIA: Regular Foam, Carbon Dioxide, Dry Chemical
SPECIAL INFORMATION: Use SCBA with full face-piece in positive pressure demand mode with turn-out gear & chemical resistant personal protective equipment.
UNUSUAL FIRE/EXPLOSION HAZARD: Vapors are heavier than air & may travel to ignition sources. Don't use welding, cutting torch or near drum (even empty), product can ignite explosively.

9. PERSONAL PROTECTION MEASURES: 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 goggles or glasses.
VENTILATION SYSTEM: Mechanical (general or local exhaust) ventilation.
SUPPLEMENTED SAFETY & HEALTH: Pump or Vacuum transfer spilled product to clean container for recovery. Absorb unrecoverable product. Transfer contaminated absorbent to container for disposal.

IN CASE OF
TRANSPORT EMERGENCY
CONTACT CHEMTREC
USA: 1-800-424-9300
INTERNATIONAL: 1-703-527-3887



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10. FIRST AID PROCEDURES: 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.
11. EXPOSURE LIMITS: NE
12. TOXICOLOGICAL INFORMATION: NE
13. ECOLOGICAL INFORMATION: NE
14. DISPOSAL CONSIDERATIONS: Dispose of in accordance with federal, state and local regulations.
15. CARCINOGENIC PROPERTIES & NOTIFICATIONS: NTP: No IARC: No OSHA: No
16. 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: UN 1268
PACKING GROUP: III
INTERNATIONAL (Water I.M.O.)
PROPER SHIPPING NAME: Petroleum Distillates, N.O.S
HAZARD CLASS: 3.3
Un/NA: UN 1268
PACKING GROUP: III
17. HANDLING & 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 electrostatically 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 .
18. ACCIDENTAL RELEASE MEASURES: 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.
19. REGULATORY INFORMATION: LABEL INFORMATIONAL HAZARD WARNING: WARNING! FLAMMABLE LIQUID AND VAPOR. HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. AFFECTS CENTRAL NERVOUS SYSTEM. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT.
PRECAUTIONS: CNS Depression (dizzy, drowsy, weakness, fatigue, nausea, headache, unconscious)
Eye: irritation, stinging, tearing, redness



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Skin: irritation, drying, redness, burning, cracking, burn

Inhalation: toxicity, harmful, irritation

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