

MATERIAL SAFETY DATA SHEET (MSDS)

MINERAL TURPENTINE OIL

1 . PRODUCT AND COMPANY IDENTIFICATION PRODUCT

Product Name: Mineral Turpentine Oil
Product Description: Solvent

COMPANY IDENTIFICATION

Supplier: PURE CHEMICALS CO.
CHENNAI, TAMILNADU, INDIA

24 Hour Health Emergency (91) 8939878447

(91) 9444038694

Transportation Emergency Phone (91) 8939768680

Company Name	Place	EMERGENCY TELEPHONE NUMBER
Pure Chemicals Group.	India	Day Emergency – 044-26161803-26161809

2 .COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms : Turpentine oil
CAS No. : 8006-64-2
Composition : Mixed of Hydrocarbons
Hazardous Components : Turpentine

3. HAZARDS IDENTIFICATION

Primary Entry Routes : Inhalation, skin and eyes
Acute effects : Skin contact can cause dermatitis. Can penetrate skin to produce systemic effects.
Eye contact is irritating & damaging, vapours can irritate eyes.
Inhalation of vapours is irritating & can produce headaches, dizziness, vertigo, chest pains, bronchitis, pulmonary edema
Carcinogenicity : Not listed as carcinogenic
Chronic Effects : No data available

4. FIRST AID MEASURES

Eyes	: Flush with water for 15 min. Get medical attention.
Skin	: Wash with warm water & soap.
Inhalation	: Remove to fresh air. Consult a physician if irritation persists.
Ingestion	: Get medical help at once

5. FIRE FIGHTING MEASURES

Flash Point	: 35°C
Flash Point Method	: 260°C :0.8%
Auto ignition Temperature	: 5%
LEL	: Flammable
UEL	: Foam, Dry chemical powder,CO2
Flammability Classification	: Heat produces corrosive vapours and can cause violent rupture of Unusual Fire or Explosion Hazards Container
Hazardous Combustion Products	: Carbon di oxide, carbon mono oxide
Fire-Fighting Instructions	: Fire fighters should wear self breathing apparatus while fighting fire

6. ACCIDENTAL RELEASE MEASURES

Small Spills	: Shut off leaks without risk. Absorb on sand or earth
Containment	: Prevent spillage from entering drains or water sources
Cleanup	: After spills wash area with soap and water preventing runoff from entering Drains

7. HANDLING AND STORAGE

Handling Precautions	: Do not use/store near heat/open flame. Avoid breathing harmful vapors. Avoid contact with skin and eyes. Wash thoroughly after handling
Storage Requirements	: Do not use/store near heat/open flame/water/acids

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	: Provide proper ventilation for environment to be below TWA
Respiratory Protection	: Use respiratory protection if ventilation is improper
Protective Clothing / Equipment	: Use face shield, PVC gloves, safety boots while handling. Contaminated clothing to be immediately removed

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Liquid
Appearance and Odor	: Water white liquid with kerosene like odour
Vapor Pressure	: 4 mm of Hg at 20°C
Specific Gravity	: 0.79
Water Solubility	: insoluble
Boiling Point	: 145°C to 205°C
Freezing Point	: <0°C
Vapour density	: 4.8(Air=1)

10. STABILITY AND REACTIVITY

Stability	: Chemically stable.
Chemical Incompatibilities	: Incompatible with oxidizing agents & chlorine. Reacts vigorously with oxidising materials. Can react violently with Ca(OCl), CrO, Cr(OCl), SnCl, chloromelamines .
Conditions to avoid	: Can undergo auto-oxidation in air & generate heat which can build up in a confined space to cause spontaneous combustion
Hazardous Decomposition products	: Carbon di oxide, carbon mono oxide

11. TOXICOLOGICAL INFORMATION

ACGIH TLV	: 100ppm
Toxicity Data;	
LD50 (Oral-Rat)	: 5760 mg/kg
Acute Inhalation Effects	: No data available

12. ECOLOGICAL INFORMATION

Prevent spillage from entering drains or water sources. After spills wash area with soap and water preventing runoff from entering drains. Can burn with lot of heat producing CO₂ and CO.

13. DISPOSAL CONSIDERATIONS

Disposal : Seal all the waste in vapour tight plastic bags for eventual disposal or incineration.

14. TRANSPORT INFORMATION

Shipping Name : Mineral Turpentine Oil
Hazard Classification :
Hazchem code : 3WE

15. REGULATORY INFORMATION

Manufacture, Storage and Import of Hazardous Chemicals
Rule, 1989.

16. OTHER INFORMATION

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