



MATERIAL SAFETY DATA SHEET

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

www.ciscochem.com

1. PRODUCT NAME: VM&P Naphtha
2. CHEMICAL NAME:
3. SYNONYMS:
4. CAS NUMBER: 64742-49-0
5. COMPOSITION: Aliphatic Naphtha (64742-49-0) - 100%

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

6. PROPERTIES: ODOR & APPEARANCE: clear, colorless liquid with mild, pleasant gasoline odor.
ODOR THRESHOLD: approx. 200ppm
VAPOUR PRESSURE: 17.3/2.3kPa (20 c)
EVAPORATION RATE (butyl Acetate=1): 1.2
VAPOR DENSITY (air=1): 3.9
BOILING RANGE: 121 c/149 F
FREEZING POINT: below -50 c
SPECIFIC GRAVITY: 0.75
WATER SOLUBILITY: nil
IN OTHER SOLVENTS: soluble in hydrocarbons, ketones, esters and other organic solvents
VISCOSITY: not known – less viscous than water
PH: None – does
NOTE: VM & P Naphtha is a mixture of many hydrocarbon. The above data may vary from batch to batch.
FLASH POINT: 10 C/50 F (Closed cup)
AUTOIGNITION TEMPERATURE: 245 C/473 F
FLAMMABLE LIMITS: 1% - 6% not known
COMBUSTION PRODUCTS: carbon monoxide, nitrogen oxides, smoke, part oxidized hydrocarbon fragments
FIREFIGHTING PRECAUTIONS: foam, dry chemical, water fog, water spray only to cool & dilute, product floats on water – water jet spreads flames; firefighters must wear SCBA
STATIC DISCHARGE: this product will accumulate a static charge
MECHANICAL IMPACT: not sensitive
CHEMICAL STABILITY: stable; will not polymerize
REACTIVE WITH: strong oxidizing agents
DECOMPOSITION PRODUCTS: none apart from Hazardous Combustion Products

7. HAZARDS: HMIS (USA): Health - 0, Fire - 3, Reactivity - 0

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9. PERSONAL PROTECTION MEASURES: HANDS: nitrile or "Viton" gloves recommended
EYES: safety glasses with side shields or chemical goggles – always protect the eyes
VENTILATION: not required unless product mist or vapor is created by handling
CLOTHING: impermeable (above) apron, boots, and long sleeves are recommended if splashing is anticipated



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pated. Product is relatively harmless, so skin protection is not vital.

10. FIRST AID PROCEDURES: SKIN: Wash with soap and plenty of water. Remove contaminated clothing and do not reuse until thoroughly cleaned or laundered.
EYES: Wash eyes with plenty of water, holding eyelids open. Seek medical assistance promptly if there is irritation.
INHALATION: Remove from contaminated area promptly. CAUTION: Rescuer must not endanger himself! If breathing stops, administer artificial respiration and seek medical aid promptly.
INGESTION: Give plenty of water to dilute product. Do not induce vomiting (NOTE below). Keep victim quiet. If vomiting occurs, lower victim's head below hips to prevent inhalation of vomited material. Seek medical help promptly.
NOTE: Inadvertent inhalation of vomited material may seriously damage the lungs. The risk and danger of this is greater than the risk of poisoning through absorption of this relatively low-toxicity product. The stomach should only be emptied under medical supervision, after the installation of an airway to protect the lungs.

11. EXPOSURE LIMITS: TWAEV/TLV ppm/mg/m3: 400/1640
LD50 ORAL: not known
SKIN (mg/kg): not known
LC50 mg/m3 INHALATION: not known

12. TOXICOLOGICAL INFORMATION: EFFECTS ACUTE EXPOSURE
SKIN CONTACT: somewhat drying, may irritate sensitive skin
SKIN ABSORPTION: slight; no toxic effects likely by this route
EYE CONTACT: slightly irritating, will not damage eyes
INHALATION: vapor may irritate at high concentrations which may cause headache, dizziness drowsiness intoxication and weakness
INGESTION: poorly absorbed; may cause stomach discomfort; may cause diarrhoea
EFFECTS OF CHRONIC EXPOSURE
GENERAL: prolonged exposure may cause skin cracking and dermatitis in sensitive individuals
SENSITISING: not a sensitiser
CARCINOGENIC: not considered a tumorigen or a carcinogen in humans or animals
REPRODUCTIVE EFFECT: no known effect on humans
SYNERGISTIC WITH: not known
LD50: not known – low toxicity
LC50: not known – low toxicity

13. ECOLOGICAL INFORMATION: This product cannot accumulate in living tissue. This product is readily and rapidly biodegradable in the presence of oxygen.

14. DISPOSAL CONSIDERATIONS: DO NOT FLUSH TO SEWER; may be incinerated in approved facility after mixing with flammable product.

15. CARCINOGENIC PROPERTIES & NOTIFICATIONS: Not considered a tumorigen or a carcinogen in humans or animals.

16. TRANSPORT INFORMATION: USA 49 CFR
Product identification number: UN - 1268
Shipping name: Petroleum Distillates N.O.S. (naphtha)
Classification: Class 3; Packing Group II



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Label: Class 3, flammable liquid
WHMIS Class (Canada): B2

17. **HANDLING & STORAGE:** Store in a cool, dry environment, away from sources of ignition, heat and oxidizing agents. Use with adequate ventilation. Always ground or bond the container before handling product to prevent static charge accumulation. This product may accumulate a static charge when used to wipe down surfaces. This may result in ignition and fire. Do not cut, drill, weld or grind on or near this container. Use non-sparking tools and explosion-proof equipment in the neighborhood of this product. Avoid prolonged contact with skin and wash work clothes frequently. An eye bath and safety shower should be available near the workplace.
Note: Never accumulate wipers or rags soaked in this product in a corner. This product is capable of autoignition under such conditions. Always dry rags or wipers thoroughly before disposing.
18. **ACCIDENTAL LEAK PRECAUTION:** dyke to control spillage and prevent environmental contamination. **WARNING:** This product presents a serious fire hazard when spilled. Evacuate all non-essential personnel from area.
RELEASE MEASURES: Blanket spill with foam to reduce the risk of ignition. Do not operate (turn on OR off) any electrical or motorized equipment near the spill unless explosion-proof. Use only non-sparking tools in the area.
HANDLING SPILL: ventilate contaminated area; recover free liquid with suitable pumps; absorb residue on an inert sorbent, sweep, shovel, & store in closed containers for recycling and disposal.