

# SAFETY DATA SHEET

SAVOGRAN  
VMP NAPHTHA

MEMBRANE CLEANER

Revision: 2/3/2016

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## 1. Product and Company Identification

Product Name : VMP NAPHTHA  
Product Code : 1450N  
Recommended Use: Solvent

Company Identification:  
SAVOGRAN  
259 LENOX STREET  
PO BOX 130  
NORWOOD, MA 02062-0130  
Information Phone: 781-762-5400  
Emergency Phone: 800-424-9300  
Website Address: [www.savogran.com](http://www.savogran.com)

Synonyms: 404101,404106,518301

## 2. Hazards Identification

Classification:  
Flammable liquids: Category 2/Skin irritation: Category 2; Specific target organ toxicity(single exposure): Category 3/Specific target organ toxicity(repeated exposure): Category 2/Aspiration hazard: Category 1



Label Hazard Statement:  
DANGER: Harmful or fatal if swallowed. Flammable liquid and vapor. Vapor Harmful. Keep away from sparks, heat and flames. Use outdoors if possible. If you must use indoors, open all windows and outside doors, use only with moving fresh air cross ventilation over the work area and across floor. Vapors flow along floors, under doors and may ignite explosively. Do not smoke. Before use shut off electricity to all outlets, switches, fans, motors, tools, stoves, heaters and appliances.

Potential Health Effects:

Eye:  
May cause mild eye irritation. Symptoms include stinging, tearing, and redness  
Skin:  
May cause mild skin irritation. Prolonged or repeated contact may dry the skin  
Symptoms may include redness, burning, drying, and cracking of skin, and skin

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burns.

**Ingestion:**

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

**Inhalation:**

Inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, headache, nausea, unconsciousness and asphyxiation.

**Chronic Overexposure Information:**

NO DATA

**Teratology and Reproduction Information:**

NO DATA

**Aggravation of Pre-Existing Conditions:**

Persons thought to have heart or respiratory problems should seek medical advice before using solvents of any kind. If signs of allergy develop (breathing difficulty, eye itching, prolonged itching or redness of the skin, headaches, dizziness, etc.) discontinue use of product immediately and consult a physician. Caution: Drinking alcohol shortly before, during or after exposure to some solvents may cause undesirable effects.

**OSHA Hazard Communication Standard:**

This product is defined as hazardous by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### **3. Composition/Information on Ingredients**

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Component	CAS#	% by Wt.
SOLVENT NAPHTHA(PETROLEUM),LIGHT ALIPHATIC ACGIH 300 ppm TWA, A3 OSHA 500 ppm TWA	64742-89-8	95% - 100%

### **4. First Aid Measures**

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**Eyes:**

Rinse with water for 15 minutes. If irritation persists seek medical attention.

**Skin:**

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

**Ingestion:**

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with head down. Contact physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual.

**Inhalation:**

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If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention.

## Note to Physicians:

Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting.

## 5. Fire Fighting Measures

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### Flammable Properties:

WARNING! FLAMMABLE. Keep away from heat, sparks, flame and all other sources of ignition. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and all other sources of ignition during use and until all vapors are gone. Beware of static electricity that may be generated.

### Hazardous Combustion Products:

Aldehydes, carbon dioxide and carbon monoxide, organic compounds.

### Extinguishing Media:

Water fog, regular foam, carbon dioxide or dry chemical.

### Firefighting Procedures:

Wear self-contained breathing apparatus with full face piece operated in pressure-demand or other positive pressure mode. Straight water steam will spread fire. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed.

## 6. Accidental Release Measures

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### Small Spill:

Absorb liquid on vermiculite, floor absorbent or other absorbent material.

### Large Spill:

Wear proper protective equipment. Stop spill at source, dike area of spill to keep from spreading and keep out of ground water and streams. Transfer material to metal containers. Absorb remainder with sand, clay, earth, floor absorbent or other material and shovel into containers. Then wash area thoroughly with water and detergent. Ventilate adequately with good fresh air movement at floor level. Do not restart pilot lights or operate electrical devices or other sources of sparks, flames or heat until all vapors (odors) are gone.

### Environmental Precautions:

Prevent spills from entering storm sewers or drains and contact with soil.

Methods/Materials for Containment and Cleaning Up:

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Eliminate all ignition sources. Runoff may create fire or explosion hazard in sewer system. Absorb on fire retardant, liquid-absorbing material. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

## **7. Handling and Storage**

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### Handling:

Do not breathe material. Keep container closed. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor and liquid), all hazard precautions given in the data sheet must be observed. All five-gallon pails and larger metal containers should be grounded and/or bonded when material is transferred.

### Storage:

Emptied containers may retain product residues; therefore, all precautions given in this sheet must be observed. Store in cool place-out of hot sun and below 100F.

## **8. Exposure Controls/Personal Protection**

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Airborne Exposure Limits: See Section 3

### Engineering Controls:

The vapors are heavier than air and due care must be exercised to prevent them from collecting in low, unventilated areas. Vapors may travel along the floor (even under and around closed doors). Adequate ventilation must be provided with good fresh air movement at floor level by normal cross ventilation or preferably good explosion proof exhaust fans. Limit concentration of any solvent in air to exposure guidelines.

### Personal Protective Equipment:

#### Respiratory Protection:

For known vapor concentrations above the occupational exposure guidelines, use NIOSH approved organic vapor respirator.

#### Skin Protection:

Use heavy duty chemically protective gloves constructed of chemical resistant materials such as viton or neoprene.

#### Eye Protection:

Chemical goggles or safety glasses with side shield.

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## 9. Physical and Chemical Properties

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Boiling Point: >260F  
Melting Point: NO DATA  
Freezing Point: NO DATA  
Vapor Pressure: 12mmHg20C  
Vapor Density: 3.66(Air=1)  
Solubility in Water: NEGLIGIBLE  
Evaporation Rate: 3.5(n-Butyl Acetate)  
Flash Point: 50F Method: ASTM D 56, tag closed cup  
Lower explosive limit: 1.3%  
Upper explosive limit: 8%  
Autoignition Temperature: 450F  
Specific Gravity: .754  
pH(1% in H2O): NO DATA  
Odor: Hydrocarbon odor  
Appearance:: Colorless liquid

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## 10. Stability and Reactivity

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Chemical Stability (Conditions to Avoid): Stable

Incompatibility:  
Strong acids (e.g. HCL), Strong oxidizing agents (e.g.permanganates).

Hazardous Decomposition Products:  
Aldehydes, carbon dioxide and carbon monoxide, organic compounds.

Hazardous Polymerization: Will not occur.

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## 11. Toxicological Information

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Acute:  
Oral: LD 50 Rat: >8000 mg/kg  
Inhalation: LC 50 Rat: 3400 ppm; 4h  
Dermal: LD 50 Rabbit: >4000 mg/kg

Subchronic:  
NO DATA

Chronic/Carcinogenicity:  
Not listed by ACGIH, IARC, NIOSH, NTP or OSHA

Routes of Exposure:  
Inhalation, Skin absorption, Skin contact, Eye contact, Ingestion.

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## 12. Ecological Information

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Environmental Fate: NO DATA

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## 13. Disposal Considerations

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Waste Disposal Method:

Must be disposed of in accordance with local, state and federal regulations.

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## 14. Transport Information

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Land Transport (DOT):

UN1268/PETROLEUM DISTILLATES, N.O.S./3/PGII- Flammable

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## 15. Regulatory Information

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U.S. Federal Regulations:

TSCA: The intentional ingredients of this product are listed.

OSHA: The intentional regulated ingredients of this product are listed.

CERCLA: SARA Hazard Category: Immediate/Fire

Section 313: Not Listed

Reportable Quantity: None of the chemicals in this material have an RQ

State Regulations:

New Jersey and Pennsylvania RTK Label Information: Solvent Naphtha (Petroleum),  
Light Aliphatic, 64742-89-8

Volatile Organic Compounds: 100% by wt.;750 g/l;6.26 lbs/gallon

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## 16. Other Information:

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NFPA Ratings: 1,3,0

Manufacturer Disclaimer:

Judgement of potential hazards of this product is based on information available about individual components listed under section 3 - Ingredients. Direct testing of mixture has not been done. Flash point has been tested. Information given herein is believed to be accurate and is given in good faith. However, no warranty either expressed or implied is made. It is strongly suggested that users confirm in advance of need that the information is current and applicable to their situations.