

# SAFETY DATA SHEET

SAVOGRAN  
GUM TURPENTINE

Revision: 6/2/2015

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## 1. Product and Company Identification

Product Name : GUM TURPENTINE  
Product Code : 1230N  
Recommended Use: Thinner

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: 101501,101504,101506

## 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 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 burns. Passage of this material into the body through the skin is possible,

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but it is unlikely that this would result in harmful effects during safe handling and use.

#### 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:

Breathing of vapor is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits (See Section 3).

#### Chronic Overexposure Information:

Intentional misuse by deliberately concentrating and inhaling the product may be harmful or fatal. Reports have associated repeated and prolonged overexposure to solvents with permanent brain, nervous system, liver and kidney damage.

#### 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.
GUM TURPENTINE	8006-64-2	95% - 100%
ACGIH 20 ppm TWA, SEN		
OSHA 100 ppm TWA		

### 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:

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Immediately give 1 or 2 glasses of water and call physician, hospital emergency room or poison control center for way to induce vomiting. Get medical attention promptly. Never give anything by mouth to an unconscious person. Aspiration of material into lungs can cause chemical pneumotitis which can be fatal.

#### Inhalation:

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

#### Note to Physicians:

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:

DANGER! 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:

May form carbon dioxide and carbon monoxide, various hydrocarbons.

#### 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.

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## Methods/Materials for Containment and Cleaning Up:

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:

Keep away from heat. Keep away from sources of ignition. Keep container tightly closed in a cool, well-ventilated place. Keep out of reach of children.

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

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Airborne Exposure Limits: See Section 3

### Engineering Controls:

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

### Personal Protective Equipment:

#### Respiratory Protection:

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

#### Skin Protection:

Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

#### Eye Protection:

Chemical goggles or safety glasses with side shield.

## **9. Physical and Chemical Properties**

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Boiling Point: 315-338F

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Melting Point: NO DATA  
Freezing Point: NO DATA  
Vapor Pressure: 4mmHg20C  
Vapor Density: 4 (Air=1)  
Solubility in Water: Negligible; less than 0.1%  
Evaporation Rate: NO DATA  
Flash Point: 97F Method: ASTM D 56, tag closed cup  
Lower explosive limit: NO DATA  
Upper explosive limit: NO DATA  
Autoignition Temperature: NO DATA  
Specific Gravity: .868  
pH(1% in H2O): NO DATA  
Odor: Typical pine terpene  
Appearance:: Clear to yellow liquid

## 10. Stability and Reactivity

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Chemical Stability (Conditions to Avoid): Stable

Incompatibility:  
Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products:  
Carbon dioxide and carbon monoxide, various hydrocarbons.

Hazardous Polymerization: Will not occur.

## 11. Toxicological Information

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Acute:  
NO DATA

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.

## 12. Ecological Information

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Environmental Fate: NO DATA

## 13. Disposal Considerations

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Waste Disposal Method:  
Must be disposed of in accordance with local, state and federal regulations.

## 14. Transport Information

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Land Transport (DOT):

Gallon or smaller, Limited Quantity; Five gallon drum or larger,  
UN1299/Turpentine/3/PGIII - Flammable.

## 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 RTK Label Information: Turpentine, 8006-64-2

Pennsylvania RTK Label Information: Turpentine, 8006-64-2

Volatile Organic Compounds: 100% by wt.; 869 g/l; 7.25 lbs/gallon

## 16. Other Information:

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NFPA Ratings: 2,3,0

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.