

SAFETY DATA SHEET

SAVOGRAN
THINK RED

ODORLESS/RM#1

Revision: 3/5/2015

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1. Product and Company Identification

Product Name : THINK RED
Product Code : 1210N
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

Synonyms: 100006,100011,100014,100055,101001,101004,101005,101055,521006,
Mineral Spirits, OMS

2. Hazards Identification

Classification:

Flammable liquids: Category 3/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. Combustible. Vapor Harmful. Keep away from sparks, heat and flames. Do not smoke. Provide adequate ventilation.

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
burns. Passage of this material into the body through the skin is possible,
but it is unlikely that this would result in harmful effects during safe
handling and use.

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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

Component	CAS#	% by Wt.
ALIPHATIC HYDROCARBON (STODDARD TYPE) ACGIH 100 ppm TWA OSHA 500 ppm TWA	8052-41-3	95% - 100%

4. First Aid Measures

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:

DO NOT induce vomiting. SEEK IMMEDIATE MEDICAL ATTENTION.

Inhalation:

If symptoms develop, immediately move individual away from exposure and into

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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

Flammable Properties:

DANGER! COMBUSTIBLE. 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.

Hazardous Combustion Products:

May form carbon dioxide and carbon monoxide, various hydrocarbons.

Extinguishing Media:

Regular foam, carbon dioxide, dry chemical.

Firefighting Procedures:

Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

6. Accidental Release Measures

Small Spill:

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

Large Spill:

Wipe or scrape up any material. Wash area thoroughly with detergent and water; ventilate adequately with good fresh air movement at floor level.

Environmental Precautions:

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

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

Handling:

Do not breathe material. Keep container closed. Use only with adequate

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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

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:

Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Eye Protection:

Chemical goggles or safety glasses with side shield.

9. Physical and Chemical Properties

Boiling Point: 354F

Melting Point: NO DATA

Freezing Point: NO DATA

Vapor Pressure: 2mmHg20C

Vapor Density: 4.9 (Air=1)

Solubility in Water: NEGLIGIBLE

Evaporation Rate: 151 (ETHYL ETHER)

Flash Point: 104-115F

Method: ASTM D 56, tag closed cup

Lower explosive limit: 1.0%

Upper explosive limit: 7.0%

Autoignition Temperature: >600F

Specific Gravity: .773

pH(1% in H2O): NO DATA

Odor: Slight hydrocarbon odor

Appearance:: Colorless liquid

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10. Stability and Reactivity

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

Acute:
Oral: LD50 Rat: >5,000 mg/kg
Inhalation: LC50 Rat: >5,500 ppm; 4h
Dermal: LD50 Rabbit: >3,000 mg/kg

Subchronic:
NO DATA

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

Routes of Exposure:
Inhalation, skin contact, eye contact.

12. Ecological Information

Environmental Fate: NO DATA

13. Disposal Considerations

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

14. Transport Information

Land Transport (DOT):
Nonbulk not regulated by D.O.T.

15. Regulatory Information

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

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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: Stoddard Solvent, 8052-41-3.
Volatile Organic Compounds: 100% by wt.;771 g/l;6.44 lbs/gallon

16. Other Information:

NFPA Ratings: 1,2,0

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. 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.