

SAFETY DATA SHEET

SAVOGRAN
XYLENE

Revision: 3/4/2015

Page 1 of 6

1. Product and Company Identification

Product Name : XYLENE
Product Code : 1470N
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

Synonyms: 406001,406006,406054,XYLOL

2. Hazards Identification

Classification:

Flammable liquids: Category 2/Acute toxicity(Inhalation): Category 4/Acute toxicity(Skin): Category 4/Skin irritation: Category 2.



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 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

SAFETY DATA SHEET

SAVOGRAN
XYLENE

Revision: 3/4/2015

Page 2 of 6

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:

This material may be harmful to the human fetus based on positive test results with laboratory animals.

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.
* XYLENE ACGIH/OSHA 100 ppm TWA ACGIH 150 ppm STEL	1330-20-7	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.

SAFETY DATA SHEET

SAVOGRAN
XYLENE

Revision: 3/4/2015

Page 3 of 6

Ingestion:

If ingested, DO NOT induce vomiting; call a physician immediately.

Inhalation:

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

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

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:

SAFETY DATA SHEET

SAVOGRAN
XYLENE

Revision: 3/4/2015

Page 4 of 6

NO DATA

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 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:

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.

9. Physical and Chemical Properties

SAFETY DATA SHEET

SAVOGRAN
XYLENE

Revision: 3/4/2015

Page 5 of 6

Boiling Point: 280F
Melting Point: NO DATA
Freezing Point: NO DATA
Vapor Pressure: 6.6mmHg20C
Vapor Density: 3.66(Air=1)
Solubility in Water: NEGLIGIBLE
Evaporation Rate: 0.86 (n-Butyl Acetate)
Flash Point: 80F Method: ASTM D 56, tag closed cup
Lower explosive limit: 1.0%
Upper explosive limit: 6.6%
Autoignition Temperature: 980F
Specific Gravity: .87
pH(1% in H2O): NO DATA
Odor: Aromatic Hydrocarbon odor
Appearance: Clear water-white liquid

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: LD 50 Rat: 4300 mg/kg
Inhalation: LC 50 Rat: 6700 ppm; 4h
Dermal: LD 50 Rabbit: >2000 mg/kg

Subchronic:
NO DATA

Chronic/Carcinogenicity:
NO DATA

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

12. Ecological Information

Environmental Fate: NO DATA

13. Disposal Considerations

SAFETY DATA SHEET

SAVOGRAN
XYLENE

Revision: 3/4/2015

Page 6 of 6

Waste Disposal Method:

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

14. Transport Information

Land Transport (DOT):

Gallon or smaller, Limited Quantity; Five gallon drum or larger,
UN1307/Xylene/3/PGIII - Flammable.

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

Section 313: This product contains chemicals (Marked * in section 3)
which are subject to reporting requirements of Section 313 of Title III of
The Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part
372

Reportable Quantity: Product Component (Xylene-1000lb)

State Regulations:

New Jersey RTK Label Information: Xylene, 1330-20-7, Ethyl Benzene, 100-41-4.

Pennsylvania RTK Label Information: Xylene, 1330-20-7, Ethyl Benzene, 100-41-4.

California Proposition 65: The following statement is made in order to comply
with the California Safe Drinking Water and Toxic Enforcement Act of 1986. This
product contains a chemical(s) known to the state of California to cause cancer,
birth defects, or other reproductive harm.

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

16. Other Information:

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.