

## SAFETY DATA SHEET



Date Prepared : 06/09/2015  
SDS No : 5303

X-SOLV

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** X-SOLV  
**GENERAL USE:** Solvent Degreaser  
**PRODUCT CODE:** 5303

**MANUFACTURER**

JOHN-HENRY Enterprises, Inc.  
2813 Richland Ave  
Metairie, LA 70002  
**Emergency Contact:** H. Zeller  
**Emergency Phone:** 504-888-8989

**24 HR. EMERGENCY TELEPHONE NUMBERS**

US/Canada: 800-535-5053

## 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS****Health:**

Eye Irritation, Category 2B  
Skin Irritation, Category 2B  
Aspiration Hazard, Category 2

**Environmental:**

Aquatic Toxicity, Category 2

**Physical:**

Combustible Liquid (flashpoint greater than 140 deg F), Category 4

**GHS LABEL**

COMBUSTIBLE Liquid and Vapor. Harmful if inhaled and may cause injury to lungs and respiratory system. Vapors can cause nervous system depression. Aspiration hazard if swallowed. Irritating to skin and eyes.



Irritant

Environmental  
Hazard

Health hazard

**SIGNAL WORD: WARNING****HAZARD STATEMENTS**

H320: Causes eye irritation.  
H315: Causes skin irritation.  
H302: Harmful if swallowed.  
H332: Harmful if inhaled.  
H225: Highly flammable liquid and vapour.  
H411: Toxic to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS****Prevention:**

P102: Keep out of reach of children.  
P103: Read label before use.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P270: Do not eat, drink or smoke when using this product.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P240: Ground and bond container and receiving equipment.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 75990X3S: Keep only in original container. Store in a well-ventilated place. Keep container tightly closed.

### EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** Vapors can cause nausea, dizziness, nausea, stupor, vomiting, headache, and/or irritation to nose, throat, and respiratory system. Causes irritation to eyes. Prolonged exposure may irritate skin.

### POTENTIAL HEALTH EFFECTS

**EYES:** Moderately to severely irritating and may cause temporary blurring of vision.

**SKIN:** Prolonged or repeated exposure may cause dryness, defatting, redness, rash, irritation, sensitization and/or dermatitis.

**INGESTION:** May cause gastrointestinal discomfort, including nausea, vomiting, diarrhea, etc. Aspiration of vomited material may cause damage to lungs.

**INHALATION:** Mists, sprays, or vapor can be irritating to eyes and respiratory tract. Vapors and mists can cause irritation, dizziness, drowsiness, headache, and other central nervous system depression

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name         | Wt. % | CAS         |
|-----------------------|-------|-------------|
| Aliphatic hydrocarbon | < 80  | Proprietary |
| Terpene solvent       | > 20  | Proprietary |

## 4. FIRST AID MEASURES

**EYES:** Gently hold eyelids open and flush with water for 15 minutes or until discomfort eases. Remove contact lenses if possible. Seek medical attention if irritation persists or vision remains blurred.

**SKIN:** Remove contaminated clothing and footwear. Wash with soap and water. Get medical attention if irritation develops or persists or if symptoms of CNS depression develop or occur.

**INGESTION:** Get immediate medical attention (call 911). Keep patient warm, calm, and quiet. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** If affected by vapors, spray or mist, move to fresh air. Seek medical attention if symptoms persist or worsen. If breathing is difficult, give oxygen and get immediate medical attention.

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Moderate irritation, stinging, burning, temporary blurring of vision

**SKIN:** Prolonged or repeated contact may produce mild irritation, including redness, burning or itching, rash, etc.

**INGESTION:** Causes irritation to mouth, throat, esophagus, and GI tract. Can cause gastrointestinal discomfort, including nausea, vomiting, and diarrhea. Aspiration of vomited material can cause lung damage and pneumonia.

**INHALATION:** Vapors, spray or mists can irritate eyes, nose, throat, and respiratory tract. Vapors can cause dizziness, drowsiness, nausea, headache, drunkenness, vomiting, unconsciousness, and other anesthetic effects.

**NOTES TO PHYSICIAN:** Treat symptomatically. Contains a hydrocarbon solvent. Aspiration of vomited material can cause lung damage and chemical pneumonia.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** GHS Category - 4; US DOT - Combustible Liquid; OSHA - Combustible Liquid

**EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide, or dry chemical when fighting fires involving this material. DO NOT USE water spray or stream (may cause fire to spread.)

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon and hydrocarbon residues.

**EXPLOSION HAZARDS:** Containers can burst if exposed to flames or high temperatures. Vapors are heavier than air and can propagate to remote areas and be ignited.

**FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus when fighting chemical fires. Use water fog or spray to cool containers or disperse vapors. Do not use water stream or spray to fight fires

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Wear recommended PPE. Ventilate the area and remove uninvolved personnell. Extinguish nearby sources of ignition. Contain and absorb spilled material. Dispose of contaminated absorbant properly. Wash spill area with water.

**LARGE SPILL:** Ventilate the area and extinguish nearby sources of ignition. Wear appropriate PPE. Remove uninvolved personnel from area.

Stop flow. Contain spill and keep from entering sewer or surface waterways. Collect spill into suitable, properly labeled containers for use or disposal. Rinse spill area with water or detergent solution.

## 7. HANDLING AND STORAGE

**HANDLING:** Read and understand label and SDS before handling any chemical. Use only in well ventilated areas away from ignition sources. Ground and bond containers when pouring or transferring to another container. Open drums slowly to release accumulated pressure.

**STORAGE:** Store in original containers in a cool, well ventilated area away from heat, sparks, flame or other sources of ignition. Keep containers closed when not in use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Maintain sufficient ventilation in storage and use areas to prevent the accumulation of product vapors, spray, or mists. Provide local exhaust for enclosed areas.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Avoid eye contact. Wear safety glasses or goggles

**SKIN:** Wear rubber, latex, or other chemical resistant gauntlet gloves.

**RESPIRATORY:** Use with adequate ventilation. Wear a NIOSH approved air purifying respirator where vapors, mists or spray are excessive or exceed exposure limits.

**WORK HYGIENIC PRACTICES:** Wash thoroughly before eating, drinking, smoking, or using the facilities after handling any chemical product.

**OTHER USE PRECAUTIONS:** Working eyewash stations and safety showers should be located in or near all areas where chemicals are stored or used.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOR:** mild, 'citrusy' odor

**APPEARANCE:** clear, amber liquid

**pH:** Not Applicable

**PERCENT VOLATILE:** 100

**FLASH POINT AND METHOD:** > (145°F)

**FLAMMABLE LIMITS:** Approx. 0.6% (aliphatic hydrocarbon) to Approx. 7.0% (aliphatic hydrocarbon)

**VAPOR PRESSURE:** approx. 3.0 mm Hg

**VAPOR DENSITY:** 4.6 air = 1

**BOILING POINT:** (320°F) to (420°F)

**FREEZING POINT:** No data

**SOLUBILITY IN WATER:** negligible

**EVAPORATION RATE:** 0.06 (n-butyl acetate = 1)

**SPECIFIC GRAVITY:** 0.82 to 0.84 at 25°C

**(VOC):** 100.000 percent

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** No

**HAZARDOUS POLYMERIZATION:** No

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon and hydrocarbon residues, acrid fumes

**INCOMPATIBLE MATERIALS:** oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**NOTES:** No toxicity data available for product

**EYE EFFECTS:** Moderate to severe irritation, including tearing, redness, burning or stinging, temporary blurring of vision.

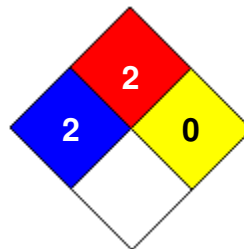
**SKIN EFFECTS:** Prolonged or repeated contact may cause irritation, rash, dryness, and sensitization. Prolonged exposure may cause dizziness, drunkenness, nausea, drowsiness, and anesthetic effects.

**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL DATA:** No data**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Ship to a solvent reclamation facility or chemical incenerator. Liquid wastes cannot be landfilled. Follow all pertinent local, state, and Federal disposal regulations.**FOR LARGE SPILLS:** See Section 6**EMPTY CONTAINER:** Empty containers may contain product vapors. Do not cut, weld, burn, or grind. Return empty containers for recycling.**RCRA/EPA WASTE INFORMATION:** Not regulated**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** NA1993, Combustible Liquids N.O.S. (Aromatic Naptha), 3, III**VESSEL (IMO/IMDG)****SHIPPING NAME:** UN1268, PETROLEUM DISTILLATES, N.O.S (NAPHTHALENE), COMBUSTIBLE LIQUID, PG III, MARINE POLLUTANT (Naphthalene)**MARINE POLLUTANT #1:** Napthalene**15. REGULATORY INFORMATION****UNITED STATES****DOT LABEL SYMBOL AND HAZARD CLASSIFICATION****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Combustible liquid and vapor; Acute health hazard (eye and skin irritation); Acute inhalation hazard**FIRE:** Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

| Chemical Name         | CAS         |
|-----------------------|-------------|
| Aliphatic hydrocarbon | Proprietary |
| Terpene solvent       | Proprietary |

**CALIFORNIA PROPOSITION 65:** Contains no substances known to the State of California to cause cancer, birth defects, or reproductive harm.**16. OTHER INFORMATION****REASON FOR ISSUE:** Convert to GHS format**APPROVED BY:** H. Zeller**PREPARED BY:** CSCC **Date Prepared:** 06/09/2015**HMIS RATING**

|                            |                                     |          |
|----------------------------|-------------------------------------|----------|
| <b>HEALTH</b>              | <input type="checkbox"/>            | <b>2</b> |
| <b>FLAMMABILITY</b>        | <input type="checkbox"/>            | <b>2</b> |
| <b>PHYSICAL HAZARD</b>     | <input type="checkbox"/>            | <b>0</b> |
| <b>PERSONAL PROTECTION</b> | <input checked="" type="checkbox"/> |          |

**NFPA CODES****GENERAL STATEMENTS:** Amounts specified herein (other than for regulatory purposes) are typical and do not represent a specification.

Unspecified or unlisted components are proprietary, do not present a hazard at levels present, are not hazardous, and/or are present at levels below reportable limits. Exact percentage values for all components are proprietary in accordance with 29 CFR 1910.1200(i)

**MANUFACTURER DISCLAIMER:** To the best of our knowledge, the information contained herein is accurate. However, no liability whatsoever is assumed for its accuracy and/or completeness. Final determination of the suitability of any material is the sole responsibility of the user.

All materials may present unknown health or physical hazards and should be used with caution. Certain hazards are described herein, but no guarantee is made that these are the only hazards associated with the material that exist.