

SAFETY DATA SHEET



Date Issued : 06/09/2015
 SDS No : 5303
 Date Revised : 03/01/2020
 Revision No : 1

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 cool, well-ventilated space. 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 and chemical pneumonitis

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 or rash 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: Harmful or fatal if swallowed. 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 of 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 personnel. Extinguish nearby sources of ignition. Contain and absorb spilled material. Dispose of contaminated absorbant properly. Wash spill area with soap and water.

LARGE SPILL: Wear appropriate PPE. Stop flow. Ventilate the area and extinguish nearby sources of ignition. Remove uninvolved personnel from area. Contain spill and keep from entering sewer or surface waterways. Collect spill into suitable, properly labeled containers for use or disposal. Wash spill area with water or detergent solution.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes. 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 tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)			
EXPOSURE LIMITS			
Chemical Name	Type	ppm	mg/m ³
Aliphatic hydrocarbon	ACGIH, NIOSH	TWA	50
	OSHA PEL	TWA	500

ENGINEERING CONTROLS: Maintain sufficient ventilation in storage and use areas to prevent the accumulation of product vapors, fumes, 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): 1 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 TOXICITY

NOTES: No toxicity data available for product

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****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HEALTH HAZARDS:** Combustible liquid and vapor; Acute health hazard (eye and skin irritation); Acute inhalation hazard**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name

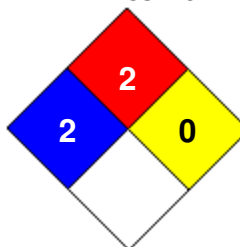
Aliphatic hydrocarbon

CAS

Proprietary

CALIFORNIA PROPOSITION 65: Contains no substances known to the State of California to cause cancer, birth defects, or reproductive harm.**16. OTHER INFORMATION****APPROVED BY:** H. Zeller**PREPARED BY:** CSCC **Date Revised:** 03/01/2020**REVISION SUMMARY:** This SDS replaces the 06/09/2015 SDS. Revised: **Section 1:** REASON FOR ISSUE.**HMIS RATING**

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY	2	
PHYSICAL HAZARD	0	
PERSONAL PROTECTION	X	

NFPA CODES**GENERAL STATEMENTS:** Amounts given 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.