

SAFETY DATA SHEET



Date Prepared : 05/31/2015

SDS No : Fuel Fix

Date Revised : 01/22/2017

Revision No : 1

FUEL FIX

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: FUEL FIX
GENERAL USE: Fuel Oil Conditioner
PRODUCT CODE: 5312

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

Combustible Liquid (flashpoint greater than 140 deg F), Category 2

Health:

Eye Irritation, Category 2
 Skin Irritation, Category 2A
 Respiratory Tract Irritation, Category 2

GHS LABEL

COMBUSTIBLE LIQUID AND VAPOR. Aspiration hazard - vomited material can enter and damage lungs. Overexposure can cause central nervous depression. Can be irritating to eyes, skin, and respiratory system.



Health hazard



Irritant

SIGNAL WORD: WARNING**HAZARD STATEMENTS**

H320: Causes eye irritation.
 H315: Causes skin irritation.
 H335: May cause respiratory irritation.
 H302 + H332: Harmful if swallowed or if inhaled.
 H227: Combustible liquid.

PRECAUTIONARY STATEMENTS**General:**

P102: Keep out of reach of children.
 P103: Read label before use.

Prevention:

P260: Do not breathe dust/fume/gas/mist/vapours/spray.
 P262: Do not get in eyes, on skin, or on clothing.
 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, 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
Aromatic Hydrocarbon Solvent	< 90	Proprietary
Other ingredients are not hazardous or are present at levels that do not present a significant hazard.	> 10	mixture

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.

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: Slight to moderate irritation including stinging, burning, temporary blurring of vision

SKIN: Prolonged or repeated contact may produce irritation, redness, edema, 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 an aromatic hydrocarbon solvent. Aspiration of vomited material can cause lung damage and chemical pneumonia. Monitor patient for up to 48 hours for breathing difficulty if spontaneous vomiting has occurred after ingestion.

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. Contain and absorb spilled material. Dispose of contaminated absorbant properly. Wash spill area with detergent solution.

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 and prolonged contact with skin. Read and understand product label and SDS before handling any

chemical. Always wear recommended personal protective equipment. Follow label cautions and instructions.

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

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 and boots

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: moderately strong, aromatic hydrocarbon

APPEARANCE: clear, amber liquid

pH: Not Applicable

PERCENT VOLATILE: approximately 90%

FLASH POINT AND METHOD: (148°F) PMCC

FLAMMABLE LIMITS: Not determined

VAPOR PRESSURE: 0.23 mm Hg - 20 deg C

VAPOR DENSITY: Heavier than air

BOILING POINT: greater than 212 deg F

FREEZING POINT: less than 32 deg F (0 deg C)

SOLUBILITY IN WATER: disperses/emulsifies

EVAPORATION RATE: slower than n-Butyl Acetate

SPECIFIC GRAVITY: 0.85 to 0.90

(VOC): ~ 9 percent (w/w)

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Avoid exposure to sources of heat or ignition

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: Triple rinse container thoroughly with water and recycle.

RCRA/EPA WASTE INFORMATION: Not regulated

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: NOT REGULATED

OTHER SHIPPING INFORMATION: Non-bulk shipments are not regulated

VESSEL (IMO/IMDG)

SHIPPING NAME: NOT REGULATED

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Acute health hazard (eye and skin irritation), chronic health hazard (see Section 11), combustibility

FIRE: Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

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

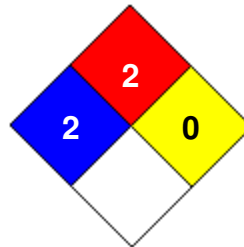
PREPARED BY: CSCC **Date Revised:** 01/22/2017

REVISION SUMMARY: This SDS replaces the 05/31/2015 SDS. Revised: **Section 14:** DOT (DEPARTMENT OF TRANSPORTATION) - PROPER SHIPPING NAME.

HMIS RATING

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

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