

SAFETY DATA SHEET



Date Prepared : 06/11/2015
SDS No : 5309

O.S.C.

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: O.S.C.
GENERAL USE: Emulsifiable Solvent Degreaser
PRODUCT CODE: 5309

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:**

Skin Irritation, Category 2
Skin Sensitization, Category 1
Aspiration Hazard, Category 1

Environmental:

Acute Hazards to the Aquatic Environment, Category 1
Chronic Hazards to the Aquatic Environment, Category 1

Physical:

Flammable Liquids, Category 3

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. Toxic to aquatic life.



Flammable
Liquid



Health hazard



Irritant



Environmental
Hazard

SIGNAL WORD: WARNING**HAZARD STATEMENTS**

H226: Flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H410: Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS**General:**

P102: Keep out of reach of children.
P103: Read label before use.
P202: Do not handle until all safety precautions have been read and understood.

Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240: Ground and bond container and receiving equipment.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P273: Avoid release to the environment.

Storage:

75990X3S: Keep only in original container. Store in a well-ventilated place. Keep container tightly closed.

EMERGENCY OVERVIEW

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

POTENTIAL HEALTH EFFECTS

EYES: 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 or sprays can be moderately to severely irritating to eyes and respiratory tract. Concentrated vapors can cause nausea, dizziness, vomiting, and other symptoms of intoxication.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Dipentene	> 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. Rinse mouth with water. 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. Give oxygen if breathing is difficult and seek prompt medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Severe irritation or pain, tearing, redness, blurring and/or temporary loss of vision

SKIN: Prolonged or repeated contact may produce irritation, redness, edema, burning or itching, rash, etc., and may cause allergic reactions

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. Aspiration of vomited material can cause lung damage and chemical pneumonia.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: GHS Category - 3; US DOT - Flammable 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.

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 absorbent 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. 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. Avoid contact with skin and eyes. Avoid breathing vapors or mists.

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: strong, 'citrusy'

APPEARANCE: clear, orange colored liquid

pH: 5.0 to 7.0

Notes: (5% in DI water - stirred)

PERCENT VOLATILE: greater than 90% (w/w)

FLASH POINT AND METHOD: (122°F)

FLAMMABLE LIMITS: 0.7% to 6.1%

VAPOR PRESSURE: 50 hPa @ 122 deg F

VAPOR DENSITY: 4.7 air = 1

BOILING POINT: (35°F)

FREEZING POINT: (-102°F)

SOLUBILITY IN WATER: disperses/emulsifies

EVAPORATION RATE: slower than n-Butyl Acetate

SPECIFIC GRAVITY: 0.78 to 0.80

(VOC): > 90.000

10. STABILITY AND REACTIVITY

REACTIVITY: No

HAZARDOUS POLYMERIZATION: No

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

EYES: No eye irritation (rabbit)

DERMAL LD₅₀: > 5000 mg/kg (rabbit)

Notes: Prolonged or repeated contact may result in skin sensitization (mouse)

ORAL LD₅₀: > 4400 mg/kg (rat)

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.

12. ECOLOGICAL INFORMATION**AQUATIC TOXICITY (ACUTE)**

96-HOUR LC₅₀: 0.72 mg/l (fathead minnow)

48-HOUR EC₅₀: 0.36 mg/l (daphnia)

GENERAL COMMENTS: Biodegradation - greater than 71% (readily biodegradable)

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Ship to a solvent reclamation facility or chemical incenerator. Liquid wastes cannot be landfilled. Unused product is classified as a hazardous waste. Follow all pertinent local, state, and Federal disposal regulations.

FOR LARGE SPILLS: See Section 6

EMPTY CONTAINER: Rinse container thoroughly with water and recycle. Empty containers may contain product vapors. Do not cut, saw or weld.

RCRA/EPA WASTE INFORMATION: Unused or undiluted product would constitute an RCRA regulated hazardous waste due to Ignitability (Hazardous Waste Code: D001; Flashpoint less than 140 deg F)

14. TRANSPORT INFORMATION**DOT (DEPARTMENT OF TRANSPORTATION)**

PROPER SHIPPING NAME: NA1993, Combustible Liquids N.O.S. (contains Dipentene), 3, III

VESSEL (IMO/IMDG)

SHIPPING NAME: UN2052, DIPENTENE SOLUTION, 3, PG III, MARINE POLLUTANT

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

313 REPORTABLE INGREDIENTS: Not Applicable

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All ingredients are included on the TSCA Inventory or are exempt

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

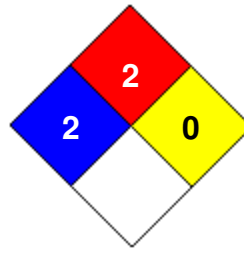
APPROVED BY: H. Zeller

PREPARED BY: CSCC **Date Prepared:** 06/11/2015

HMIS RATING

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

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)

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