

SAFETY DATA SHEET



Date issued : 06/23/2015
SDS number : 5127
Date revised : 07/17/2024
Revision number : 6

YARD DOG

1. Identification

Product code: 5127
Product identifier: YARD DOG
Relevant identified uses: Heavy Duty Water Based Cleaner/Degreaser

Manufacturer / Supplier

John-Henry Enterprises, Inc.
800 Central Ave.
Jefferson, LA 70121

Emergency contact: H. Zeller

Emergency Phone: 504-888-8989

Web: www.john-henry.com

Emergency telephone number (24 hour)

US/Canada: 800-535-5053

2. Hazard identification

Classification of the substance or mixture

Health hazards:

Eye Corrosion, Category 1A

Skin Corrosion/Irritation, Category 2A

Label elements

CORROSIVE. Causes severe irritation and burns to skin. Causes severe burns and damage to eyes. Mists and spray can be irritating to eyes, nose, throat, and respiratory tract. Harmful or fatal if swallowed.



Severe



Irritant

Irritant/Corrosive

Signal word: DANGER

Hazard statement(s)

H314: Causes severe skin burns and eye damage.

H302: Harmful if swallowed.

H290: May be corrosive to metals.

Precautionary statement(s)

Prevention:

P102: Keep out of reach of children.

P261: Avoid breathing 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: Causes severe irritation to skin. Causes severe irritation and damage to eyes. Mists and vapors can cause irritation to eyes, nose, and throat. Ingestion can damage mouth, throat, and other tissues and may be fatal.

Potential health effects

Eye: Extremely irritating to the eyes and may cause severe damage including blindness.

Skin: Contact can cause severe skin irritation and possibly burns.

Ingestion: Causes severe irritation, burns, and damage to mouth, throat, esophagus, and stomach. May be fatal if swallowed

Inhalation: Mists or sprays can be moderately to severely irritating to eyes and respiratory tract.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Organic chelate	< 2	Proprietary
Sodium Hydroxide	< 7	1310-73-2
Glycol ether	6 - 8	Proprietary
Sodium Glucoheptonate	< 4	31138-65-5

4. First-aid measures

Eye: Treat eye contact and a medical emergency (call 911). Gently hold eyelids open and immediately flush eyes with water for at least 15 minutes or until pain eases. Remove contact lenses if possible. Cover eyes loosely with sterile dressing and SEEK IMMEDIATE MEDICAL ATTENTION.

Skin: Remove contaminated clothing and footwear. Flush off with copious amounts of running water. Seek medical attention for burns or if irritation persists or worsens.

Ingestion: Get immediate emergency medical attention (Call 911). Rinse mouth with water. Do not induce vomiting unless instructed to do so by poison center or physician. Give water, milk, or dilute citrus juice unless unconscious or convulsing. Keep patient warm, quiet, and comfortable and treat for shock.

Inhalation: If affected by spray or mist, move to fresh air. Seek medical attention if symptoms persist or worsen.

Most important symptoms and effects, both acute and delayed

Eye: Severe irritation or pain, blurring and loss of vision, burns and/or permanent damage.

Skin: Causes moderate to severe irritation and possibly burns.

Ingestion: Harmful or fatal if swallowed. Can cause irritation, gastric upset, burns and damage (corrosion) to mouth, throat, esophagus and gastrointestinal tract.

Inhalation: Spray or mists can irritate eyes, nose, throat, and respiratory tract.

Indication of immediate medical attention and special treatment needed, if necessary: Treat symptomatically. Treat for thermal burns. Take precautions to prevent exposure to emergency and medical personnel to material.

5. Fire-fighting measures

Flammable class: Not Applicable - Water based product with no flashpoint.

Suitable extinguishing media: Not applicable - water based product. After water has evaporated, use water (fog or spray) or chemical foam on burning solids.

Hazardous combustion products: After water has evaporated, burning solids will produce oxides of carbon, nitrogen, and sulfur, organosulfur, organonitrogen, and hydrocarbon residues and acrid fumes

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 intact containers.

6. Accidental release measures

Small spill: Contain and absorb spilled material. Dispose of contaminated absorbant properly. Wash spill area with water.

Large spill: 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.

7. Handling and storage

Precautions for safe 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.

Conditions for safe storage: Store in original containers in well ventilated area. Keep containers closed when not in use.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
Chemical name	Occupational exposure limit values			
	Type		ppm	mg/m ³
Sodium Hydroxide	OSHA PEL	TWA		2
Glycol ether	OSHA PEL	TWA	50	240
	ACGIH TLV	TWA	20	97

Appropriate 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.

Individual protection measures, such as personal protective equipment

Eye / face protection: Wear safety glasses or goggles and face shield (recommended) when handling.

Skin protection - hand protection: Wear chemically resistant outer garments, impermeable boots and gloves when handling.

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

Occupational hygiene 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

Appearance: clear, pale amber liquid

Odor: pleasant, characteristic ether odor

pH: > 13.5

Notes: as made

Freezing point: less than 32 deg F (0 deg C)

Initial boiling point and boiling range: 210 - 215 deg F

Flash point: Not applicable - water based product

Evaporation rate (n-butyl acetate = 1): Same as water (approximately)

Explosion limit / flammability limit notes: Not Applicable

Vapor pressure: Same as water (approximately)

Relative vapor density: Same as water (approximately)

Relative density: 1.06 to 1.08

Solubility: Complete in all proportions.

Viscosity: Same as water (approximately)

Percent volatiles: 85 - 90% (w/w)

VOC content: ~ 7.5

10. Stability and reactivity

Reactivity: No

Dangerous polymerization: No

Possibility of hazardous reactions: Reacts with metals such as aluminum or zinc (releases hydrogen, a flammable gas). Reacts vigorously with concentrated acids (generating heat and steam)

Hazardous decomposition products: Oxides of carbon, nitrogen, and sulfur, organosulfur, organonitrogen, and hydrocarbon residues

Incompatible materials: Concentrated acids, oxidizing agents, metals such as aluminum or zinc, ammonia and amines

11. Toxicological information

Acute toxicity

Notes: No toxicity data available for product

Carcinogenicity

Chemical name	General Toxicity
Glycol ether	Confirmed animal carcinogen with unknown relevance to humans - Group A3

12. Ecological information

Environmental data: No data

13. Disposal considerations

Disposal methods: Unused or undiluted product constitutes a hazardous waste. Follow all appropriate local, state, and Federal disposal regulations. Surfactants and other organic components are biodegradable. Collect and neutralize spent solutions and discharge to a waste water treatment facility.

For large spills: See Section 6

Empty container: Rinse container thoroughly with water and recycle.

RCRA/EPA waste information: Unused or undiluted product would constitute an RCRA regulated hazardous waste due to corrosivity (CORROSIVE WASTE - D002, pH equal to or greater than 12.5)

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: UN1760, Corrosive Liquid, n.o.s. (contains Sodium Hydroxide), 8, II

Reportable quantity (rq) under CERCLA: 14490 pounds (as supplied)

Placards: Corrosive

Hazard label: Corrosive

IMO / IMDG - International

UN proper shipping name: UN1824, SODIUM HYDROXIDE SOLUTION, N.O.S., 8, PG II

Transport hazard class(es): 8

Placards: Corrosive

Hazard label: Corrosive

15. Regulatory information

UNITED STATES

Dot label symbol and hazard classification



Corrosive

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Corrosive

313 reportable ingredients: Sodium Hydroxide

CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w	CERCLA rq
Organic chelate	< 2	5,000
Sodium Hydroxide	< 7	1,000

CERCLA rq: greater than 10000 lbs (as supplied)

EPA

EPA rq ingredient: Sodium Hydroxide

EPA rq product: greater than 10000 lbs (as supplied)

TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
Organic chelate	Proprietary
Sodium Hydroxide	1310-73-2
Glycol ether	Proprietary

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.

RCRA status: Regulated under RCRA (D002 - Corrosive)

16. Other information

Reason for issue: New Address

Approved by: H. Zeller

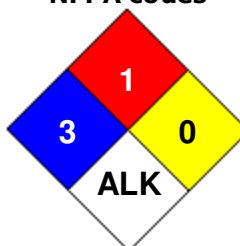
Prepared by: CSCC **Date revised:** 07/17/2024

Revision summary: This SDS replaces the 02/11/2022 SDS. Revised: **Section 1:** Reason for issue. **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s).

HMIS rating

Health	<input type="checkbox"/>	3
Flammability		1
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.