

SAFETY DATA SHEET



Date issued : 06/10/2015
SDS number : 5106
Date revised : 07/17/2024
Revision number : 3

SAMSON

1. Identification

Product code: 5106
Product identifier: SAMSON
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 Damage/Irritation (Reversible), Category 2
Skin Corrosion/Irritation (reversible), Category 2

Label elements

Causes moderate to severe irritation to eyes. Prolonged exposure can cause moderate to severe irritation to skin. Vapors, mists and spray can irritate eyes, nose, throat, and respiratory system. Vapors may cause anesthetic effects



Irritant

Signal word: WARNING

Hazard statement(s)

H319: Causes serious eye irritation.
H315: Causes skin irritation.
H335: May cause respiratory irritation.
H302: Harmful if swallowed.

Precautionary statement(s)

Prevention:

P102: Keep out of reach of children.
P103: Read carefully and follow all instructions.
P262: Do not get in eyes, on skin, or on clothing.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
75990X3S: Keep only in original container. Store in a cool, well-ventilated space. 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

Eye: Severely irritating and may cause temporary blurring of vision and temporary damage

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

Ingestion: Causes irritation to mouth, throat, esophagus, and gastrointestinal system. May cause gastrointestinal discomfort, including nausea, vomiting, diarrhea, etc

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	% w/w	CAS No.
Synthetic Sodium Silicate	< 3	Proprietary
Glycol ether	5 - 7	Proprietary
Alkaline Builder	< 3	Proprietary
Other ingredients are not hazardous or are present at levels that do not present a significant hazard.	> 85	000-00-1

4. First-aid measures

Eye: 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. Flush off with water. Get medical attention if irritation develops or persists.

Ingestion: Get immediate medical attention (call 911). Rinse mouth with water. Do not induce vomiting unless instructed to do so by poison center or physician. Give patient water or milk unless unconscious or convulsing. Keep patient warm and comfortable. Treat for shock.

Inhalation: If affected by vapors, 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: Moderate to severe irritation, including copious tearing, stinging, burning, temporary blurring of vision

Skin: Prolonged or repeated contact may produce irritation, redness, edema, burning or itching, rash, etc. Glycol ether can be absorbed by skin and product dizziness, nausea, vomiting, and other signs of CNS depression

Ingestion: Causes moderate to severe irritation to mouth, throat, esophagus, and GI tract. Can cause gastrointestinal discomfort, including nausea, vomiting, and diarrhea.

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.

Indication of immediate medical attention and special treatment needed, if necessary: Treat symptomatically.

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 and sulfur, organosulfur and hydrocarbon residues, acrid or acidic 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

Chemical name	Control parameters			
	Occupational exposure limit values			
	Type		ppm	mg/m ³
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: Avoid eye contact. Wear safety glasses or goggles

Skin protection - hand protection: Avoid prolonged or repeated contact. Wear rubber, latex, or other chemical resistant gloves.

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, purple liquid

Odor: mild, ether-like

pH: 11.0 to 12.0

Notes: (5% in water)

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

Initial boiling point and boiling range: greater than 212 deg F

Flash point: > (200°F)

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

Vapor pressure: Same as water (approximately)

Relative vapor density: Same as water (approximately)

Relative density: 1.035 to 1.045

Solubility: Complete in all proportions.

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

VOC content: ~ 7

10. Stability and reactivity

Reactivity: No

Dangerous polymerization: No

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

Incompatible materials: oxidizing agents.

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: Triple 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: NOT REGULATED

IMO / IMDG - International

UN proper shipping name: NOT REGULATED

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Acute health hazard (eye and skin irritation)

CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w	CERCLA rq
Alkaline Builder	< 3	5,000

CERCLA rq: greater than 10000 lbs (as supplied)

TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
Glycol ether	Proprietary
Alkaline Builder	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, birth defects, or reproductive harm.

16. Other information

Reason for issue: New Address

Approved by: H. Zeller

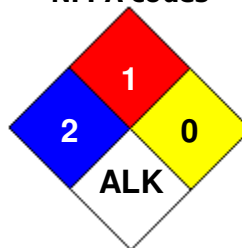
Prepared by: CSCC **Date revised:** 07/17/2024

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"/>	2
Flammability	<input type="checkbox"/>	1
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)

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.