

SAFETY DATA SHEET



Date issued : 07/08/2015
SDS number : 5439
Date revised : 07/17/2024
Revision number : 2

NO DOUBT

1. Identification

Product code: 5439
Product identifier: NO DOUBT
Relevant identified uses: One Step Truck Washing Compound

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, Category 1A

Skin Corrosion/Irritation, Category 2

Label elements

Causes severe irritation and possibly burns to eyes. Causes moderate to severe irritation and possibly burns to skin. Burns may develop after exposure. Mists and spray can irritate eyes, nose, throat, and respiratory system.



Severe



Irritant

Irritant/Corrosive

Signal word: DANGER

Hazard statement(s)

H319: Causes serious eye irritation.

H315 + H320: Causes skin and eye irritation.

H302 + H332: Harmful if swallowed or if inhaled.

Precautionary statement(s)

Prevention:

P102: Keep out of reach of children.

P103: Read carefully and follow all instructions.

P281: Use personal protective equipment as required.

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

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

Emergency overview

Immediate concerns: Causes severe irritation and reversible burns to skin. Causes severe irritation and damage to eyes.

Mists and vapors can cause irritation to eyes, nose, and throat. Ingestion can cause moderate to severe irritation and burns to mouth, throat, and gastrointestinal tract. May be fatal if swallowed.

Potential health effects

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

Skin: Contact causes severe skin irritation and possible burns. Development of burns and ulcers may be delayed.

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

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.
Hydrofluoric Acid	1 - 2	7664-39-3
Glycol ether	< 2	Proprietary
Sodium Fluoride	~ 1.5	7681-49-4

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. Treat exposed areas with a cold solution containing 1% benzethonium chloride for at least thirty minutes. Seek medical attention if irritation persists, worsens, or if burns and ulcers develop.

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 and milk of magnesia or other antacid tablets unless unconscious or convulsing. Keep patient warm and comfortable. 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 burns. Development of burns and ulcers may be delayed.

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: This product contains acidic fluoride compounds. Take appropriate protective and preventive measures.

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: Oxides of carbon and hydrocarbon residues, and acidic (fluoride) fumes.

Explosion hazards: Containers can burst if exposed to flames or high temperatures. Cool with water spray.

Fire fighting procedures: Wear self-contained breathing apparatus when fighting chemical fires. Use water fog or spray to cool containers and knock down acidic vapors.

6. Accidental release measures

Small spill: Wear recommended PPE. Ventilate the area and remove uninvolved personnel. Contain and absorb spill. Avoid runoff into storm sewers and ditches which lead to waterways. Rinse spill area with water or dilute alkaline solution. Dispose of contaminated absorbent material properly.

Large spill: Wear appropriate PPE. Remove uninvolved personnel from and ventilate the area. Stop and contain flow and keep spilled material from entering sewer or surface waterways. Collect spilled material and store in suitable, properly labeled containers for use or disposal. Rinse spill area thoroughly with water or a dilute alkaline solution.

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				
Occupational exposure limit values				
Chemical name	Type		ppm	mg/m ³
Hydrofluoric Acid	OSHA PEL	TWA	3	
	ACGIH TLV	TWA	0.5	
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 acid resistant outer garments, impermeable boots and gloves when handling.

Respiratory protection: Use with adequate ventilation. Wear a NIOSH approved acid absorbing, air purifying respirator where fumes, 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, colorless liquid

Odor: acidic, ethereal

pH: 4.0 to 5.0

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: 0.995 to 1.005

Solubility: Complete in all proportions.

Viscosity: Same as water (approximately)

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

VOC content: < 2

10. Stability and reactivity

Reactivity: Reactive with alkaline materials.

Dangerous polymerization: No

Chemical stability: Stable under recommended storage conditions

Hazardous decomposition products: Oxides of carbon and hydrocarbon residues, acidic fumes

Incompatible materials: Concentrated alkalis and oxidizing agents.

11. Toxicological information

Acute toxicity

Notes: No toxicity data available for product

Skin corrosion / irritation: Concentrated product is corrosive to skin, eyes, and metals.

Carcinogenicity

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

Notes: Contains no known or suspected carcinogens.

12. Ecological information

Environmental data: No data

13. Disposal considerations

Disposal methods: Not regulated as a hazardous material. Dispose in accordance with applicable local, state, and Federal regulations.

For large spills: See Section 6

RCRA hazard class: Not regulated

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: NOT REGULATED

IMO / IMDG - International

Technical name: NOT REGULATED

Placards: Corrosive, Toxic

Hazard label: Corrosive, Toxic

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

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

EPCRA Section 313 Toxic Chemicals

Chemical name	% w/w	CAS No.
Hydrofluoric Acid	1 - 2	7664-39-3

CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w	CERCLA rq
Hydrofluoric Acid	1 - 2	100
Sodium Fluoride	~ 1.5	1,000

TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
Hydrofluoric Acid	7664-39-3
Glycol ether	Proprietary
Sodium Fluoride	7681-49-4

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

CAA 112(b) Hazardous Air Pollutants

Chemical name	% w/w	CAS No.
Hydrofluoric Acid	1 - 2	7664-39-3

California Proposition 65: Contains no substances known to the State of California to cause cancer.

RCRA status: Not regulated under RCRA

16. Other information

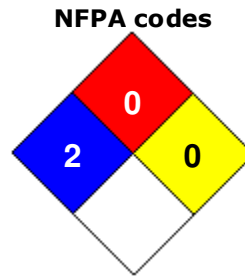
Reason for issue: New Address

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	2
Flammability	0
Physical hazard	0
Personal protection	X



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.