

# SAFETY DATA SHEET



Date issued : 07/05/2015  
SDS number : 5701  
Date revised : 07/17/2024  
Revision number : 3

## BRUSHLESS

### 1. Identification

**Product code:** 5701  
**Product identifier:** BRUSHLESS  
**Relevant identified uses:** Premium Car and Truck Wash

#### 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  
Respiratory Tract Irritation, Category 4

#### Label elements

Causes severe irritation and possibly burns to eyes. Causes moderate to severe irritation and possibly burns to skin. Mists and spray can irritate eyes, nose, throat, and respiratory system. May be harmful if swallowed.



Irritant



Severe  
Irritant/Corrosive

**Signal word:** WARNING

#### Hazard statement(s)

H319: Causes serious eye irritation.  
H315: Causes skin irritation.  
H335: May cause respiratory irritation.

#### 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 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:** Severely irritating and may cause temporary blurring of vision.

**Skin:** Prolonged or repeated exposure may cause skin irritation and dermatitis.

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

**Inhalation:** Mists, sprays, or vapor can be irritating to eyes and respiratory tract.

### 3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Organic chelate	4 - 6	Proprietary
Synthetic Sodium Silicate	1 - 2	Proprietary
Other ingredients are not hazardous or are present at levels that do not present a significant hazard.	> 92	Mixture

### 4. First-aid measures

**Eye:** Immediately flush eyes with plenty of water for 15 minutes or until discomfort eases. Get medical attention if irritation persists.

**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:** Moderate to severe irritation, including copious tearing, stinging, burning, temporary blurring of vision

**Skin:** Causes moderate to severe irritation and possibly burns.

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

**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. If burns are present, treat for thermal burns.

### 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

**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, pale amber liquid

**Odor:** mild, characterisitc detergent odor

**pH:** 12.0 to 13.0

**Notes:** (5% in water)

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

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

**Flash point:** Not Applicable

**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:** 1.015 to 1.025

**Solubility:** Complete in all proportions.

**Viscosity:** Same as water (approximately)

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

**VOC content:** < 0.1 percent

## 10. Stability and reactivity

**Reactivity:** No

**Dangerous polymerization:** No

**Possibility of hazardous reactions:** May react with soft metals such as zinc or magnesium (releases hydrogen, a flammable gas). Reacts with concentrated alkalis (generating heat and steam).

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

**Incompatible materials:** Concentrated acids, oxidizing agents, concentrated ammonia

## 11. Toxicological information

**Acute toxicity**

**Notes:** No toxicity data available for product

**Carcinogenicity**

**Notes:** Contains no known or suspected carcinogens.

## 12. Ecological information

**Environmental data:** No data

**Other adverse effects:** All surfactants are readily biodegradable.

## 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:** 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)

**CERCLA rq:** greater than 10000 lbs (as supplied)

#### EPA

**EPA rq ingredient:** Not Applicable

#### TSCA (The Toxic Substances 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:** New Address

**Approved by:** H. Zeller

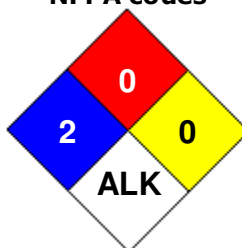
**Prepared by:** CSCC **Date revised:** 07/17/2024

**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"/>	0
Physical hazard	<input type="checkbox"/>	0
Personal protection	<input checked="" type="checkbox"/>	

#### 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.