

SAFETY DATA SHEET

UI-9115 Vehicle Fleet Wash

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

MANUFACTURER: Griffin Bros., Inc.
4455 Marion St SE
Albany, OR 97322

INFORMATION PHONE: (800) 456-4743

For Medical and Chemical Emergencies CHEMTREC: 1-800-424-9300

PRODUCT NAME: Vehicle Fleet Wash

PRODUCT NUMBER: UI-9115

DATE PREPARED: 6/24/97

LAST REVISION: 03/27/2019

DISTRIBUTOR: United Industrial Equip.
Eugene, OR 97402

TO RE-ORDER: (541) 687-8686

Recommended Uses: Cleaning of motor vehicles

Restrictions: None Known

PURE: LIQUID:

MIXTURE: SOLID:

2. HAZARDOUS IDENTIFICATION:

EMERGENCY OVERVIEW: Corrosive

GHS CLASSIFICATION: Skin corrosion (Category 1), Eyes: (Category 1) Acute toxicity, Oral (Category 4),
Specific target organ toxicity - single exposure (Category 3), Respiratory system, Acute aquatic toxicity (Category 3), Chronic aquatic toxicity (Category 3)

GHS Label elements, including precautionary statements

SIGNAL WORD: DANGER **PICTOGRAM:**

HAZARD STATEMENT(S):

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H335: May cause respiratory irritation.

H412: Harmful to aquatic life with long lasting effects

PRECAUTIONARY STATEMENT(S):

P102: Keep out of reach of children

P260: Do not breathe dust or mist.

P264: Wash skin thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release into the environment

P280: Wear protective gloves/ eye protection/ face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/ attention.

P501: Dispose of contents/container to an approved waste disposal plant



POTENTIAL HEALTH EFFECTS

EYE CONTACT: May cause irritation or damage to the eyes.

INHALATION: Can damage nasal and respiratory passages.

INGESTION: May irritate or burn mouth and throat.

SKIN CONTACT: Prolonged exposure may cause skin irritation.

SIGNS AND SYMPTOMS OF EXPOSURE: Irritation, pain, coughing, redness of skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical Name	CAS #	Range Weight %
SODIUM SILICATE	6834920	25 - 30
SODIUM CARBONATE	497198	20 - 25
SODIUM HYDROXIDE	1310732	5 - 10

4. FIRST AID MEASURES:

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes. Hold eyelids open while flushing the eyes. Get Medical attention!

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Get medical attention immediately!

INGESTION: If swallowed, dilute with water and get medical attention! Never give anything by mouth to an unconscious or convulsing person!

SKIN CONTACT: Wash with soap and water. Change contaminated clothing. Get medical attention if irritation develops or persists.

AGGRAVATED MEDICAL CONDITIONS: Pre-existing skin or respiratory conditions.

SUPPLEMENTAL HEALTH INFORMATION: The effects of long-term, low-level exposure to this product have not been determined. Safe handling of this material on a long-term basis should emphasize the avoidance of all effects from repetitive acute exposures.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

COMBUSTION PRODUCTS: N/A

6. ACCIDENTAL RELEASE MEASURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Keep dry. Recover with a shovel and store in an appropriate container.

7. HANDLING AND STORAGE:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Follow all SDS/label precautions even after container is emptied because it may retain product residues.

OTHER PRECAUTIONS: For industrial use only. Keep away from children. Keep containers closed while not in use.

8. EXPOSURE CONTROL/PERSONAL PROTECTION:**EXPOSURE GUIDELINES:**

Chemical Name	OSHA PEL		ACGIH TLV	
	TWA	STEL	TWA	STEL
SODIUM SILICATE	5mg/m3	n/a	5mg/m3	n/a
SODIUM HYDROXIDE	2 mg/m3	n/a	2 mg/m3	n/a
no other substances with occupational exposure limit values.				

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Wear a NIOSH/MSHA approved respirator appropriate for dust at point of use.

PROTECTIVE GLOVES: Rubber or other impervious material with gauntlets.

VENTILATION: Local exhaust sufficient to keep exposure below TLV.

WORK / HYGENIC PRACTICES: Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

ENGINEERING CONTROLS: Facilities storing or utilizing this material should be equipped with an eyewash facility

EYE PROTECTION: Safety glasses with side shields (or goggles).

OTHER PROTECTIVE EQUIP: Boots, apron, lab coat or coveralls of impervious material, safety shower, eyewash.

9. PHYSICAL AND CHEMICAL PROPERTIES:**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:**

a) Appearance: Yellow free flowing granular dry powder	k) Vapor pressure (mm/hg): n/a
b) Odor: Orange Citrus	l) Vapor density (Air = 1): n/a
d) pH: 12 at 106 g/l at 25 °C (77 °F)	m) Relative density (Specific Gravity): n/a
e) Melting point/freezing point: No data available	n) Water solubility: 106 g/l at 20 °C (68 °F) - completely soluble
f) Initial boiling point and boiling range: n/a	p) Auto-ignition temperature: n/a
g) Flash point: n/a Method Used: n/a	r) Viscosity: n/a
h) Evaporation rate: n/a	-) Pounds Per Gallon: 10
j) Upper/lower flammability or explosive limits: UEL: n/a LEL: n/a	OTHER: No other data is available for this product. . . .

10. STABILITY AND REACTIVITY:

STABLE: Hygroscopic. Stable under recommended storage conditions.

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY: Strong Acidic and Strong Oxidizing Compounds

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Oxides of carbon.

HAZARDOUS POLYMERIZATION: Will Not Occur

11. TOXICOLOGICAL INFORMATION:

None of the components of this product are listed as carcinogens. No other data available.

12. ECOLOGICAL INFORMATION:

No data available

13. DISPOSAL CONSIDERATIONS:

Consult appropriate Federal, State, or Local regulatory agencies to ascertain proper disposal procedures.

14. TRANSPORT INFORMATION:

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	3262	Corrosive Solid, Basic, Inorganic, n.o.s. (Disodium trioxosilicate)	8	III

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15. REGULATORY INFORMATION:

No information available.

16. OTHER INFORMATION:

HMS INFORMATION: **HEALTH:** 2 **FLAMMABILITY:** 0 **PHYSICAL HAZARD:** 1 **PROTECTIVE:** X

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