

# MATERIAL SAFETY DATA SHEET

## FLEET WASH CONCENTRATE

### Section I



#### CHEMICALS & EQUIPMENT, INC.

2902 EAST X STREET  
Deer Park, TX 77536  
Toll Free 877-644-1492

**Emergency Telephone Number**  
(713) 644-1492

**Telephone Number for Information**  
(713) 644-1492

**Date Prepared**  
January 5, 2007 (Revised 8/9/13)

### Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium Metasilicate (CAS#6834-92-0)	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>	N/E	N/A
Butoxyethanol (CAS#1111-76-2)	25-ppm	25-ppm		

### Section III — Physical/Chemical Characteristics

<b>Boiling Point</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O =1)</b> pH: 11.8-12.0	N/A
<b>Vapor Pressure (mm Hg.)</b>	N/A	<b>Melting Point</b>	N/A
<b>Vapor Density (AIR = 1)</b>	N/A	<b>Evaporation Rate (Butyl Acetate = 1)</b>	N/A

**Solubility in Water** 100% Biodegradable  
**Appearance and Odor** Blue liquid color with no significant odor

### Section IV — Fire and Explosion Hazard Data

<b>Flash Point (Method Used)</b>	None	<b>Flammable Limits</b>	<b>LEL</b>	<b>UEL</b>
		N/A	N/A	N/A
<b>Extinguishing Media</b>	None			
<b>Special Fire Fighting Procedures</b>	None			
<b>Unusual Fire and Explosion Hazards</b>	None			

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## Section V — Reactivity Data

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Stability	Unstable	X	Conditions to Avoid
	Stable		Avoid contact with strong acids
			N/A

### Incompatibility (Materials to Avoid)

Strong acids—do not store in aluminum containers

### Hazardous Decomposition or Byproducts

Will not occur

Hazardous Polymerization	May Occur	X	Conditions to Avoid
	Will Not Occur		N/A

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## Section VI — Health Hazard Data

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Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Irritant	Irritant	Irritant

### Health Hazards (Acute and Chronic)

May cause severe eye irritation upon direct contact. Prolonged skin contact may cause irritation. Inhalation of high concentrations is irritating. Harmful if swallowed.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
No	No	No	No

### Signs and Symptoms of Exposure

May cause irritation of eyes, skin or mucous membrane.

### Medical Conditions (Generally Aggravated by Exposure)

None known.

### Emergency and First Aid Procedures

Eyes: flush with water for 15 minutes, get medical attention. Skin: flush thoroughly with water. Inhalation: remove to fresh air. Ingestion: give large quantities of water. Do not induce vomiting. Get medical attention.

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## Section VII — Precautions for Safe Handling and Use

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### Steps to Be Taken in Case Material is Released or Spilled

Flush with large amounts of water and dilute with acid.

### Waste Disposal Method

Follow federal, state and local regulations regarding health and pollution.

### Precautions to Be Taken in Handling and Storing

Store in cool dry area. Keep out of reach of children.

### Other Precautions

Do not get in eyes, on skin or clothing. Do not take internally. When handling, wear gloves and eye protection. In case of contact, flush skin and/or eyes with water for fifteen (15) minutes and consult a physician if irritation persists.

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## Section VIII — Control Measures

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### Respiratory Protection (Specify Type)

None required under normal use.

Ventilation	Local Exhaust	Special
	General	N/A
	Mechanical (General)	Other
	N/A	N/A

### Protective Gloves

Rubber or Neoprene

### Eye Protection

Chemical Safety Goggles

### Other Protective Clothing or Equipment

Standard clothing - wash clothes that are contaminated before wearing.

### Work/Hygiene Practices

Clean spills immediately.