

## FLEET WASH S

Revision 01/30/2015

### 1. PRODUCT AND COMPANY IDENTIFICATION

---

**Product Identifier**  
**Recommended use**  
**Distributed by:**

**FLEET WASH S**  
Cleaner  
DyChem International  
560 North 500 West  
Salt Lake City, UT 84116  
(800) 453-4606  
InfoTrac (800) 535-5053

**Emergency Contact # (24 Hour)**

### 2. HAZARDOUS IDENTIFICATION

---

**Classification of the substance or mixture**

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Corrosive to metals (Category 1), H290  
Skin corrosion (Category 1A), H314  
Serious eye damage (Category 1), H318

**Hazard Statements**

**H290 – May be corrosive to metals**  
**H314 – Causes severe skin burns and eye damage**  
**H318 – Causes serious eye damage.**

**GHS label elements, including precautionary statements**



**Signal Word:** Danger

**Hazards not otherwise classified (HNOC)**

None

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

---

**Substance(s) Description**

Sodium Hydroxide  
Sodium Tripolyphosphate  
Potassium Hydroxide  
Proprietary Surfactant Blend

**CAS#**

1310-73-2  
7758-29-4  
1310-58-3  
N/A

**Percentage**

1 – 5  
1 – 5  
1 – 5

### 4. FIRST AID MEASURES

---

**Inhalation First Aid**

Inhalation is unlikely; however, if it does occur, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen. Seek medical attention.

**FLEET WASH S**

Revision 01/30/2015

**Skin Contact First Aid**

Remove contaminated clothing and shoes. Wash exposed areas with soap and water. Contact a physician for burns or irritations that persist.

**Eye Contact First Aid**

Contact with even diluted material should be treated immediately. Flush with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of entire eye surface. Seek medical attention immediately, especially if in contact with concentrate.

**Ingestion First Aid**

Contact a physician immediately. Do not induce vomiting! Give large quantities of water or milk. Do not give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

For inhalation consider oxygen. For ingestion, consider esophagoscopy. Avoid gastric lavage.

**5. FIRE FIGHTING MEASURES**

---

**Extinguishing Media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special Hazards from mixture**

This product is not defined as flammable or combustible; however, under fire conditions it may support combustion and produce toxic oxides of carbon and various hydrocarbons.

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary/available.

**Further information**

No data available.

**6. ACCIDENTAL RELEASE MEASURES**

---

**Personal precautions**

Avoid breathing vapors, mist or gas.

**Protective equipment and emergency procedures**

For personal protection see Section 8.

**Environmental precautions**

Avoid large concentrations of product in a confined area.

**Materials for containment and clean up**

Mop and/or absorbent materials

**Methods for cleanup containment**

Completely contain spilled material. Dilute with water and absorb spill with inert media and scoop into disposal containers. Neutralize remaining traces of material with any dilute inorganic acid such as hydrochloric or sulfuric. The spill area should then be flushed with water followed by liberal covering of

## FLEET WASH S

Revision 01/30/2015

sodium bicarbonate. All clean-up material should be removed and placed in approved containers for disposal. If spilled on soil, sand, etc., remove affected soils and place in containers for disposal. Persons performing clean-up work should wear adequate personal protective equipment and clothing. **Caution: Caustics may react violently with acids and water.** Large spills should be removed using a vacuum truck.

### Reference to other sections

See Section 13 for disposal procedures

## 7. HANDLING AND STORAGE

---

### Precautions for safe handling

Wear protective goggles or face shield and rubber gloves while handling this product to avoid eye and skin contact. Wash thoroughly after handling.

### Conditions for safe storage, including any incompatibilities

Storage containers should be stored in a cool, dry and well-ventilated area away from strong oxidizing agents.

### Specific end use(s)

Apart from the uses stated in Section 1, no other specific uses are stipulated.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

---

### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

### Personal Protective Equipment (PPE)

#### Respiratory Protection

A respirator should be worn if exposed to excessive mists for prolonged periods.

#### Skin Protection

Gloves should be worn when excessive skin contact cannot be avoided.

#### Eye Protection

Chemical goggles or face shield is recommended to prevent contact with eyes.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

### Appearance

**Form:** Liquid **Color:** Blue

### Odor

Mild

### Odor Threshold

No data available

### pH

>12 (Concentrate)

### Melting/Freezing point

No data available

### Initial boiling point

No data available

### Flash point

No data available

### Evaporation rate

No data available

### Flammability (solid, gas)

No data available

**FLEET WASH S**

Revision 01/30/2015

<b>Explosive limits</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density</b>	1.1 g/cm <sup>3</sup>
<b>Water solubility</b>	Complete
<b>Partition coefficient n-octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	No data available

**10. STABILITY AND REACTIVITY**

---

<b>Reactivity</b>	No data available
<b>Chemical stability</b>	Stable
<b>Possibility of hazardous reactions</b>	Hazardous polymerization will not occur
<b>Conditions to avoid</b>	Exposure to high temperatures
<b>Incompatible materials</b>	Strong oxidizing agents
<b>Hazardous decomposition products</b>	Toxic Oxides of carbon and hydrocarbons In the event of fire: see Section 5

**11. TOXICOLOGICAL INFORMATION**

---

Information on toxicological effects

	<u>Sodium Hydroxide</u>	<u>Potassium Hydroxide</u>
OSHA PEL/TWA	2 MG/M3	2MG/M3
ACGIH TLV/TWA	2 MG/M3	2MG/M3

<b>Eye Contact</b>	Severe burns/reversible damage with prompt first aid.
<b>Inhalation</b>	Possible burns to respiratory tract.
<b>Skin Contact</b>	Contact can cause burns.
<b>Ingestion</b>	Ingestion may cause gastrointestinal burns.
<b>Chronic</b>	No evidence of chronic effects from available data.

**12. ECOLOGICAL INFORMATION**

---

<b>12.1 Toxicity</b>	no data available
<b>12.2 Persistence and degradability</b>	no data available
<b>12.3 Bioaccumulative potential</b>	no data available
<b>12.4 Mobility in soil</b>	no data available
<b>12.5 Results of PBT and vPvB assessment</b>	not available as chemical safety assessment not required/not conducted
<b>PBT/vPvB assessment</b>	
<b>12.6 Other adverse effects</b>	no data available

**13. DISPOSAL CONSIDERATIONS**

---

**Waste Treatment Methods**

**FLEET WASH S**

Revision 01/30/2015

**Product**

Offer surplus and non-recyclable solution to a licensed disposal company.

**Contaminated packaging**

Containers of this material may be hazardous when emptied since emptied containers retain product residues (vapor, liquid, and/or solid). Dispose of as unused product.

**14. TRANSPORT INFORMATION**

---

**DOT (US)**

<b>UN number:</b> 1824	<b>Class:</b> 8	<b>Packing group:</b> II
<b>Proper shipping name:</b> Sodium hydroxide solution	<b>Poison Inhalation Hazard:</b> No	

**IMDG**

<b>UN number:</b> 1824	<b>Class:</b> 8	<b>Packing group:</b> II
<b>Proper shipping name:</b> SODIUM HYDROXIDE SOLUTION	<b>EMS-No:</b> F-A, S-B	

**IATA**

<b>UN number:</b> 1824	<b>Class:</b> 8	<b>Packing group:</b> II
<b>Proper shipping name:</b> Sodium hydroxide solution		

**15. REGULATORY INFORMATION**

---

<b>OSHA Category</b>	Hazardous	
<b>SARA 313 Supplier Notification</b>	Sodium Hydroxide – 5% W/W	Potassium Hydroxide 3% W/W

All Ingredients are Listed on the TSCA Chemical Substance Inventory

All ingredients are listed on the Canadian DSL

**16. OTHER INFORMATION**

---

**Special Precautions or Other Comments:** All hazard precautions given in the data sheet must be observed. The information accumulated herein is believed to be accurate but is not warranted to be regardless of whom it originates with. Recipients are advised to confirm prior to need that the information is current, applicable, and suitable to their circumstances.