

# SAFETY DATA SHEET

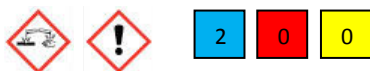
Heavy Duty Pressure Washer Cleaner

## **Section 1: Product and Company Identification:**

**Product Name:** Heavy Duty Pressure Wash Detergent  
**Product Use:** Cleaner  
**Part's:** 75050G; 75055G; 75058G  
**Manufacture/Supplier:** Aiken Chemical Company  
P.O Box 27147, Greenville, SC 29616  
12 Shelter Drive, Greer, SC 29650  
**Phone Number:** (864) 968-1250  
1-800-828-1860  
**Emergency Phone:** 1-800-424-9300  
**Date of Preparation:** October 20, 2015

## **Section 2: Hazards Identification:**

Hazard Determination System (HDS): Health, Flammability, Reactivity



### **Emergency Overview:**

**Warning:** Chronic exposure/overexposure to this product may cause superficial destruction of the skin; primary irritant dermatitis and irritation to the respiratory tract tissue.

**Potential Health Effects:** See Section 11 for more information.

**Likely Routes of Exposure:** Skin contact, eye contact, ingestion, and inhalation of mist.

**Eye:** May cause redness, tearing and severe irritation; which may result in impairment of vision.

**Skin:** Prolonged or repeated contact can cause irritation, defatting, dermatitis and possible chemical burns.

**Ingestion:** Can cause gastrointestinal irritation, nausea, diarrhea, vomiting and possible damage to mucous membranes.

**Inhalation:** Excessive inhalation of vapors can cause irritation of nasal and respiratory passages, dizziness, weakness, fatigue, nausea and headache.

**Chronic Effects:** Pre-existing skin conditions may increase likelihood of irritation.

**Carcinogenicity:** Ingredients not listed as carcinogen by OSHA, NTP or IARC.

## **Section 3: Composition / Information on Ingredients:**

<b><u>Ingredient:</u></b>	<b><u>CAS#</u></b>	<b><u>Percent</u></b>
Potassium Hydroxide	1310-58-3	1 - 5
Diethylene Glycol Monobutyl Ether	112-34-5	1 - 5
Tetra sodium ethylenediamine tetraacetate	64-02-8	1 - 5

**TCSA Information:** All ingredients of this product are either listed on or exempt from the TSCA inventory.

## **Section 4: First Aid Measures:**

**Eye Contact:** Immediately flush eyes with large amounts of running water for at least 15 minutes, lifting upper and lower lids occasionally. If irritation persists seek medical attention.

**Skin Contact:** Remove contaminated clothing. Thoroughly wash exposed area with soap and water for at least 15 minutes. If irritation persists, seek medical attention.

**Inhalation:** Remove individual to fresh air. If breathing has stopped, give artificial respiration. Seek medical attention.

**Ingestion:** DO NOT induce vomiting. Dilute by giving large amount of water. Get medical attention immediately.

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## Section 5: Fire Fighting Measures:

**Extinguishing Media:** Water fog, alcohol foam, carbon dioxide or dry chemical  
**Special fire-fighting media:** Fire fighters should wear self-contained breathing apparatus and full protective clothing. Water or foam may cause frothing of the product.  
**Unusual fire and explosion hazards:** Extinguish all sources of ignition since flammable hydrogen gas maybe liberated from contact with some metals (e.g. aluminum, tin).

## Section 6: Accidental Release Measures:

**Personal Precautions:** Use personal protection recommended in section 8.  
**Environmental Precautions:** Not Available.  
**Methods for Containment:** Stop spill at the source, dike area to prevent spreading.  
**Methods for Clean-up:** Remaining liquid may be taken up with sand, clay, floor absorbent, or other absorbent material and shoveled into salvage containers.  
**Waste Disposal Method:** Dispose of in accordance with all local, state and federal regulations.  
**Other Information:** Spilled material is very slippery – use caution to avoid falls.

## Section 7: Handling and Storage:

**Handling:** Do not get in eyes, on skin or clothing. Do not swallow. Wash thoroughly after handling.  
**Storage:** Store in a cool dry area away from acid & low pH products.  
**Precautions:** Protect from freezing or excessive heat.

## Section 8: Exposure Controls/Personal Protections:

### Exposure Guidelines:

Ingredient	Exposure Limits			
	OSHA-PEL	ACGIH-TLV	Other Limits	Percent
Potassium Hydroxide:	2mg/m <sup>3</sup> Air	2mg/m <sup>3</sup> Air		1 - 5
Diethylene Glycol Monobutyl Ether:	25 ppm Skin	25 ppm Skin		1 - 5

**Engineering Controls:** Do not get in eyes, on skin or clothing. Do not swallow. Wash thoroughly after handling.

### Personal Protective Equipment:

**Eye/Face Protection:** Chemical splash goggles or face shield.

**Hand Protection:** Neoprene or rubber gloves

**Skin and Body Protection:** To prevent skin contact; wear impervious clothing and boots.

**Respiratory:** None, unless exposure limits are exceeded; then use NIOSH/MSHA air supplied device.

**General Hygiene Considerations:** Always use caution when working with chemicals. Wash thoroughly before eating, smoking or drinking and after handling product.

## Section 9: Physical and Chemical Properties:

**Appearance and Odor:** Clear colorless liquid with a characteristic odor.  
**Physical State:** Liquid  
**pH:** > 13.0  
**Freezing Point:** ~0°C (~32°F)  
**Boiling Point:** ~100°C (~212°F)  
**Flash Point (Method Used):** >100°C (>212°F) (PMCC)  
**Evaporation Rate (Butyl Acetate= 1) :** Not Determined  
**LEL:** Not Determined  
**UEL:** Not Determined  
**Vapor Pressure (mm Hg.):** Not Determined  
**Vapor Density (AIR=1):** Not Determined  
**Specific Gravity:** 1.060 – 1.10  
**Solubility in Water:** Complete  
**Melting Point:** ~0°C (~32°F)

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**Auto-Ignition Temperature:** Not Determined  
**Percent Volatile, wt%:** Not Determined  
**VOC content, wt. %** < 0.2%

## **Section 10: Stability and Reactivity:**

**Stability:** Stable under normal storage conditions.  
**Conditions to Avoid:** Mixing or blending with oxidizing or low pH solutions.  
**Incompatibility (Materials to Avoid):** Avoid contact with acids, oxidizing and reacting agents.  
**Hazardous Decomposition or Byproducts:** Carbon dioxide, carbon monoxide and oxides of nitrogen.  
**Hazardous Polymerization:** Will Not Occur.

## **Section 11: Toxicology Information:**

**Effects of Acute Exposure** None Known  
**Acute Oral Toxicity:** None Known  
**Acute Inhalation Toxicity:** None Known  
**Acute Dermal Toxicity:** None Known

## **Section 12: Ecological Information:**

**Ecotoxicity:** Not Available  
**Persistence/Degradability:** Not Available  
**Bioaccumulation/Accumulation:** Not Available  
**Mobility in Environment:** Not Available

## **Section 13: Disposal Considerations:**

**Disposal Instructions:** This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

## **Section 14: Transportation Information:**

**DOT Classification, TDG Classification, IMDG Classification:**

**UN Number:** UN1760  
**Proper Shipping Name:** Corrosive liquid, (Potassium Hydroxide)  
**Classes:** Class 8: Corrosive liquid  
**Packing Group:** II

## **Section 15: Regulatory Information:**

### **Chemical Inventories:**

**TSCA:** All ingredients of this product are either listed on or exempt from the TSCA inventory.  
**SARA Section 311:** Hazard Category: Potassium Hydroxide  
**SARA Section 313:** Toxic Release Inventory Chemical: None

**California Safe Drinking Water Enforcement Act (Prop 65):** This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm at levels which would require a warning

under the statute.**Pennsylvania (Worker and Community Right-to-Know act):**

**Pennsylvania Special Hazardous Substance List and/or Pennsylvania Environmental Hazardous Substance list:**

<b>Component</b>	<b>CAS#</b>	<b>Amount</b>
Potassium Hydroxide	1310-58-3	1 – 5%
Sodium Tripolyphosphate	7758-29-4	1 – 5%
Diethylene glycol monobutyl ether	112-34-5	1 – 5%

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## New Jersey Right-to-Know Hazardous Substance List:

This material contains the following components that appear on the NJ list:

Component	CAS#	Amount
Diethylene glycol monobutyl ether	112-34-5	1 - 5%

## Massachusetts Substance List:

This material contains the following components that appear on the Massachusetts Substance List:

Component	CAS#	Amount
Potassium Hydroxide	1310-58-3	1 - 5%
Sodium Tripolyphosphate	7758-29-4	1 - 5%

## Section 16: Other Information:

<b>NFPA</b>	<b>Health Hazard</b>	<b>Flammability</b>	<b>Instability</b>	<b>Physical &amp; Chemical Hazards</b>
	2	0	0	NA
<b>HMIS</b>	<b>Health Hazard</b>	<b>Flammability</b>	<b>Physical Hazard</b>	<b>Personal Protection</b>
	2	0	0	B

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**Preparation Date:** May 29, 2015

**Revision Date:**

**General Disclaimer:** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.