

SAFETY DATA SHEET

State Industrial Products

5915 Landerbrook Drive
Mayfield Heights, OH 44124
To Order Call: 1-866-747-2229

6935 Davand Drive
Mississauga, Ontario L5T 1L5
To Order Call: 1-800-668-6513

Royal Industrial Park, Bldg "M"
Local #5, Carr 869, km 1.5 Palmas
Cataño, P.R. 00962
To Order Call: 787-275-3185



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PYXIS POWERWASH LAUNDRY EMULSION DETERGENT
Product Description: An emulsion liquid
EPA Registration Number: NA

24 Hour Emergency CHEMTREC Number: 800-424-9300
MSDS Number: 125097
EPA Establishment Number: NA

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

FIFRA Hazard Classification:

Not Applicable

Skin corrosion/irritation: Category 1A, B, C

Acute toxicity; inhalation: Category 4

Corrosive to metals: Category 1

Specific target organ toxicity, single exposure; Respiratory tract irritation: Category 3

Acute toxicity; oral: Category 4

Serious eye damage/eye irritation: Category 1



Corrosive

Exclamation
Mark

DANGER

Hazard Statements:

H314 Causes severe skin burns and eye damage. H332_3 Harmful if inhaled. H290 May be corrosive to metals. H335 May cause respiratory irritation. H302 Harmful if swallowed. H318_3 Causes serious eye damage

Precautionary Statements:

P261 Avoid breathing vapors. P270 Do not eat, drink or smoke when using this product. P234 Keep only in original container. P271 Use only outdoors or in a well-ventilated area. P264 Wash hands thoroughly after handling. P280_3 Wear eye protection/face protection. P280 Wear protective gloves, protective clothing, and eye protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Sodium Hydroxide	1310-73-2	<30%	2 mg/m3	2 mg/m3
Non-ionic surfactant	127087-87-0	<15%	NE	NE
2-Phosphono-	37971-36-1	<5%	NE	NE
1,2,4-Butanetricarboxylic Acid				

The exact percentages have
been withheld as a trade secret.

4. FIRST AID MEASURES

P390 Absorb spillage to prevent material damage. P312 Call a POISON CENTER or physician if you feel unwell. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P332+P313 IF SKIN irritation occurs: Get medical attention. P301+P312 IF SWALLOWED: call a POISON CENTER or physician if you feel unwell. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P310 Immediately call a POISON CENTER or physician.

5. FIRE FIGHTING MEASURES

Flashpoint(Method): None to boiling point

Lower Explosive Limit(LEL): NA Upper Explosive Limit(UEL): NA Autoignition Temperature: NA

Flammable Properties: None Expected

Extinguishing Media: Carbon Dioxide, dry chemical, foam.

Fire Fighting Instructions: Wear a self-contained breathing apparatus with full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area. Halt spill at source, dike and contain spill. Flush with plenty of water to drain. Dispose of in accordance with Federal, State and Local Regulations regarding waste disposal.

7. HANDLING AND STORAGE

P403+P233 Store in a well-ventilated place. Keep container tightly closed. P406 Store in corrosive resistant container with a resistant inner liner. P402 Store in dry place. P405 Store locked up.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use general or local ventilation to keep exposure levels below exposure limits.

Personal Protective Equipment:

Respiratory: Normal room ventilation is adequate. Use a NIOSH/MHSA approved respirator if exposure limits are exceeded.

Eye: Wear approved safety glasses or goggles with unperforated eyeshields where splashing may occur.

Skin: For repeated or prolonged contact, wear chemically impervious gloves such as Nitrile.

Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White

Physical State: Liquid.

Solubility in Water: 100%

Boiling Point: Similar to water

Freezing Point: NA

Melting Point: NA

Odor: Strong

pH: >13

Diluted pH: NA

Specific Gravity: 1.247

VOC Content: 0

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Do not mix with any other chemicals.

Incompatibility: None expected

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide

11. TOXICOLOGICAL INFORMATION

This product contains no ingredient at 0.1% or greater that is listed as a human carcinogen.

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>LD50</u>	<u>LC50</u>
Sodium Hydroxide	1310-73-2	40 mg/Kg (oral mouse); 500 mg/kg (oral rabbit)	179 mg/l/96 hr (flathead minnow)
Non-ionic surfactant	127087-87-0	NE	NE
2-Phosphono- 1,2,4-Butanetricarboxylic Acid	37971-36-1	NE	NE

12. ECOLOGICAL INFORMATION

The product is not expected to be hazardous to the environment.

13. DISPOSAL CONSIDERATIONS

P501 Dispose of container in accordance with all Federal, State and Local Regulations regarding waste disposal.

14. TRANSPORT INFORMATION

DOT Shipping Data: UN 1719, Caustic Alkali Liquids, N.O.S. (Sodium Hydroxide), 8, PG II.

Canadian TDG: Not Available for sale in Canada.

For International Shipments by Air: UN 1719, Caustic Alkali Liquids, N.O.S. (Sodium Hydroxide), 8, PG II.

For International Shipments by Vessel: UN 1719, Caustic Alkali Liquids, N.O.S. (Sodium Hydroxide), 8, PG II.

15. REGULATORY INFORMATION

TSCA: All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory.

CEPA: All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDSL.

Proposition 65: This product contains no listed substances known to the State of California to cause cancer, birth defects or reproductive harm, at reportable levels under the statute.

SARA 313: This product contains no toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372).

VOC: 0

HMIS RATING: HEALTH = 3 FLAMMABILITY = 0 REACTIVITY = 1 PPE = D

WHMIS RATING: Not available for sale in Canada

16. OTHER INFORMATION

NA = Not Available or Not Applicable

NE = Not Established

Read and follow all label directions and precautions before using the product. This product is intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN. While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.