Material Safety Data Sheet

Manufacturer:
PDQ MANUFACTURING, INC.
201 VICTORY CIRCLE
ELLIJAY, GEORGIA USA 30540
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Distributed by:
4 STATE MAINTENANCE SUPPLY
P.O. BOX 591
COFFEYVILLE, KS 67337

PHONE: 620/251-7033

24 Hour Chemical Emergency for: Spill - Leak - Fire - Accident - Exposure
CHEMTREC: (800) 424-9300 / Int'l: (703) 527-3887 (collect calls accepted)
Reference information – Product ID Code: 4283 / Company Code: A814

Product Name: **4-S H D DISHWASH**
ID Code: **4283**
Prepared By: W. Drost, Jr. Date: January 1, 2007

CHEMICAL FAMILY: Alkaline Detergent
FORMULA: Proprietary

HAZARDOUS INGREDIENTS (CAS #):	%	Exposure Limits, ppm ACGIH TLV	OSHA-PEL
Potassium Hydroxide (1310-58-3) (Caustic Potash)	<40	2	2
Sodium Hypochlorite 12% (7681-52-9) (B)	<20	N/A	N/A

SARA TITLE III, SECTION 313 REPORTABLE INGREDIENTS: None.
Carcinogenic Ingredients: Contains no known or suspected carcinogens.

PHYSICAL PROPERTIES:
Boiling Point: 220º F. % Volatile: 70.
Solubility in Water: Complete. Vapor Pressure: Less then water.
Specific Gravity: Liquid (H_2O = 1): 1.3. Vapor Density (Air = 1): N/A.
Appearance and Odor: Clear, colorless liquid with a chlorine odor.

FIRE AND EXPLOSION DATA:
Flash Point: None.
Flammability Limits: N/A.
Extinguishing Media: Water, CO_2, foam, dry chemical.
Special Fire Fighting Procedures: Cool drums with water mist.
Unusual Hazards: None.

HEALTH EFFECTS:
Threshold Limit Value: Not determined for this product.
Primary routes of entry: Eye and skin contact.
Effects of overexposure:
Skin Contact: Skin contact can produce skin irritation.
Ingestion: If swallowed, call a physician immediately. Do not induce vomiting unless instructed by a physician. See note in First Aid.
Eye Contact: Can produce severe chemical burns and blindness.
Inhalation: Inhalation of mist or vapors may produce respiratory tract irritation.
Chronic effects of overexposure: None known or expected.
Medical conditions that may be aggravated by exposure: None known or expected.

EMERGENCY AND FIRST AID PROCEDURES:
Eye Contact: In case of eye contact, immediately flush with clear water for at least 15 minutes lifting eye lids periodically. Rinse eyes with a boric acid solution. Get medical attention immediately.
Skin Contact: Flush with clear water for at least 15 minutes. Then wash with a mild soap followed with a moisturizing cream. If irritation results and persists, get medical attention.
Ingestion: If conscious, administer large quantities of water followed with citrus juice. Do not induce vomiting. Do not administer anything by mouth to a person that is unconscious. GET MEDICAL ATTENTION IMMEDIATELY. Note: The decision of whether to induce vomiting or not should be made by a physician.
Inhalation: Remove victim to fresh air. If breathing does not return to normal within a few minutes, get medical attention.

REACTIVITY DATA:
Stability: Stable.
Hazardous Polymerization: Will not occur.
Incompatibility: Acids, nitrogen compounds and active metals such as aluminum and magnesium.
Hazardous Decomposition Products: None.
Conditions to Avoid: None.

SPILL OR LEAKAGE PROCEDURES:
Steps to be taken if material is released or spilled: Stop spill at source. Floors may become slippery, avoid falls. For large spills, pump liquid into salvage tank. For smaller spills, absorb on sand, earth or other suitable absorbent. Disposal must be in accordance with local, state and federal regulations.

SPECIAL PROTECTION INFORMATION:
Ventilation: No special ventilation required.
Respiration Protection: None required under normal use.
Eye Protection: Wear when transferring this product.
Protective Gloves: Wear when transferring this product.
Other Protective Equipment: Wear protective apron when transferring this product.

SPECIAL PRECAUTIONS:
Precautions to be taken in handling and storage: Store in closed container in a dry place. Wash thoroughly after handling.
KEEP OUT OF REACH OF CHILDREN.
Other precautions: None.

HAZARD RATING:

Health:	2	0 = Minimal	3 = Serious
Fire:	0	1 = Slight	4 = Severe
Reactivity:	2	2 = Moderate	

Specific Hazard: Corrosive

SHIPPING INFORMATION (DOT/UN Classification) 07
CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.,
(POTASSIUM HYDROXIDE), 8, UN 3266, II

Disclaimer: The information contained in this Material Safety Data Sheet is provided pursuant to 29CFR 1910.1200 to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.