

A Product Of:
Arrow Paper Corporation
P.O. Box 1001
Wilmington, MA 01892

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Ref. No.: 2717
Telephone: 1-888-622-7769
Contact: James Braungwynn

SECTION I - PRODUCT IDENTIFICATION

Trade Name: PATRIOT BUILT DETERGENT
Chemical name / synonyms: Alkaline water base detergent
Formula: Mixture
D.O.T. Classification: Corrosive Liquid, N. O. S. (Contains Sodium Hydroxide),
9, UN 1760, PG III
HMS CODE: Health 3, Fire 0, Reactivity 1
HMS KEY: 4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Insignificant

SECTION II - HAZARDOUS INGREDIENTS

Substance: Sodium Hydroxide CAS# 1310-73-2
% Composition: < 10-20
TLV: 2mg/m³

SECTION III - PHYSICAL DATA

Billing Pt (°F): 212
Vapor Pressure (mm Hg): NA
Vapor Density (air=1): NA
Solubility in water: complete
Appearance and odor: Blue color, no odor.
Specific Gravity: 1.1
Percent Volatile: NA
Evaporation Rate (water=1): 1
pH: 14

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Pt (°F): None
Test method: NA
Extinguishing Media: As necessary for surrounding fire.
Special firefighting procedures: NA
Unusual fire and explosion hazard: NA
Flammable limits in air (vol. %)
Upper: NA Lower: NA

SECTION V - HEALTH HAZARD DATA ROUTES OF ENTRY

Threshold Limit Value: See Section II
Acute Effects of Overexposure: EYES - causes severe burns. May cause irreparable damage, and/or loss of vision. SKIN - corrosive action causes burns. Prolonged contact destroys tissues. INHALATION - mist may cause damage to the upper respiratory tract and lung tissue depending on extent of exposure. Effects range from mild irritation of mucous membranes, severe pneumonitis and lung tissue destruction. INGESTION - can cause very severe damage to mouth, esophagus, stomach. May be fatal.
Chronic Effects of Exposure: local effect may consist of multiple areas of superficial destruction of the skin or of primary dermatitis. Similarly, inhalation of the spray or mist may result in varying degrees of irritation.
Emergency and first aid procedures: EYES - flush with plenty of cool water for at least 15 minutes. Hold eyelids open during this flushing with water. Obtain medical attention. SKIN - Immediately flush skin with plenty of water while removing contaminated clothing and boots. Call a physician. If skin feels slippery, caustic may still be present in sufficient quantities to cause rash or burn. Continue washing until slick skin feeling is gone. Thoroughly clean contaminated clothing and boots before reuse or discard. INHALATION - remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. INGESTION - If conscious, drink large quantities of water. Do not induce vomiting.

Take immediately to a hospital or physician. If vomiting occurs spontaneously, it is okay. If unconscious or in convulsions, take immediately to hospital. Do not attempt to induce vomiting or give anything by mouth to an unconscious person.

SECTION VI - REACTIVITY DATA

Stability: stable
Conditions to avoid: Avoid mixing concentrates with strong acids.
Hazardous decomposition products: carbon monoxide and unidentified organic compounds may be formed during combustion.
Hazardous polymerization products: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURE

Steps to be taken if material is released or spilled: Large spills: Dike and contain. Pumps may be used to transfer to disposal agency. Small spills: soak or mop up. Spills may be flushed to sewer.
Waste disposal method: Small quantities will evaporate readily. Large amounts should be given to licensed disposal agency.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Eye Protection: Splash goggles and/or face shield.
Respiratory Protection: None is normally required. However if misting or heavy vapor formation should occur, a NIOSH approved respirator should be worn.
Other Protection: Rubber boots. Rubber cover leather shoes is not recommended.
Rubber apron, rainwear or disposable TYVEK suit should be worn.
Ventilation: Provide adequate ventilation to meet TLV Requirements.
Protective gloves: Rubber, latex, plastic. Do not use leather or wool.
Additional Information: Safety eye wash/shower stations must be available in work area.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store above 35°F.
Keep container tightly closed when not in use.
Other Precautions: KEEP OUT OF REACH OF CHILDREN.
NA means NOT APPLICABLE on this form.

The information on this Material Safety Data Sheet reflects the latest information available that we have on hazards, properties, and handling of this product under recommended conditions of use. Any use of this product or method of application that is not described on the label or in the Product Data Sheet is the responsibility of the user.

This Material Safety Data Sheet was prepared to comply with the OSHA Haz Comm. Regulations and Massachusetts Right to Know Law.