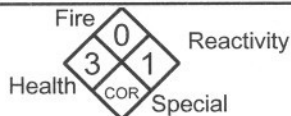


HAZARD RATING

4-EXTREME
3-HIGH
2-MODERATE
1-SLIGHT



MATERIAL SAFETY DATA SHEET

(Prepared according to 29 CFR 1910.1200)

Date Prepared: 6-19-07

SECTION 1 - PRODUCT IDENTIFICATION

Company Name	Daley International (Peck's Products Division)	Emergency Telephone No.	1-800-535-5053
Address	4100 W. 76th Street, Chicago, IL 60652	Information Telephone No.	773-284-6565
Product Name / ID#	Punch (881)	Product Type	Alkaline Detergent <input checked="" type="checkbox"/> Proprietary Product

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name	Cas No.	Percent (optional)	TLV (Source)
Sodium Hydroxide	1310-73-2	< 75%	2 mg/m3 (ACGIH)

* Substances Contains no substances - subject to the reporting requirements of SARA 313 and 40 CFR Part 372.

SECTION 3 - PHYSICAL DATA

Boiling Point (°F)	NA	Specific Gravity (H ₂ O=1.0)	NA	± 0.005	pH	1% sol 13.3 ± 0.5	% VOC (ww)	0%
Solubility In Water		<input checked="" type="checkbox"/> Complete	<input type="checkbox"/> Insoluble	<input type="checkbox"/> Emulsifiable or (Dispersible)	<input type="checkbox"/> Slight (or Partial)			
Evaporation Rate (vs H ₂ O)	NA	<input type="checkbox"/> Faster	<input type="checkbox"/> Slower	<input type="checkbox"/> About the Same	Vapor Pressure	NA	Vapor Density	NA

Appearance and Odor White, free-flowing powder. Neutral odor.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.)	NA	<input type="checkbox"/> None to boiling	Flammable Limits	Upper	NA	Lower	NA
Extinguishing Media	NA						
Special Fire Fighting Procedures	NA						
Unusual Fire Explosion Hazards	None						

SECTION 5 - REACTIVE DATA

Stability	Stable	Incompatibility	Acids; Aluminum, Tin, Zinc; Nitro Carbons, Halo Carbons.
Hazardous Decomposition Products	None		

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value Product See Section 2 for Ingredients TLV	<input checked="" type="checkbox"/> None Established	<input type="checkbox"/> Not Applicable	Primary routes of Exposure	<input checked="" type="checkbox"/> Eyes	<input checked="" type="checkbox"/> Skin	<input checked="" type="checkbox"/> Oral	<input checked="" type="checkbox"/> Inhalation
Signs Symptoms of Over-exposure (Acute)	Corrosive to eyes and skin. Can cause burns. Ingestion may cause severe gastro intestinal irritation or ulceration and severe burns of mouth and throat. Inhalation of air borne dust may cause severe irritation to upper respiratory tract.						
Signs Symptoms of Over-exposure (Chronic)	Unknown						
Medical Conditions Aggravated by Over-exposure	Unknown						
Carcinogen/Suspected Carcinogen Ingredients:	<input type="checkbox"/> NTP	<input type="checkbox"/> IARC	<input type="checkbox"/> OSHA	<input checked="" type="checkbox"/> None			

SECTION 7 - FIRST AID PROCEDURES - (If any Condition persists - Consult a physician.)

Eyes	Flush with water for 15 minutes. Call a physician.
Skin	Flush with water for 15 minutes. Remove any contaminated clothing and wash before reuse.
Ingestion	Do NOT induce vomiting. Give large amounts of water to dilute. Call a physician immediately.
Inhalation	Unlikely occurrence. Remove to fresh air. Call a physician.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	None normally required.
Ventilation requirements	<input checked="" type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical As needed to keep below TLV of any listed hazardous ingredients and/or for general good ventilation.
Protective Gloves	Rubber
Eye Protection	Safety Goggles
Other Protective Clothing	Rubber apron and/or boots as needed to prevent contact with skin or clothing.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled	Sweep up and place in appropriate container for disposal. Neutralize with weak acid solution. Flush any neutralized residue with large quantity of water.
Waste Disposal Methods	Check all government regulations. Probable to flush neutralized material to sanitary sewer with plenty of water.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in handling and Storage	Store in dry area away from acids. Store so as to inaccessible to children. Wash thoroughly after handling.
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