

**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 ☒ 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<sub>2</sub>O=1.0) NA ± 0.005 pH 1% sol 13.3 ± 0.5 % VOC (ww) 0%  
Solubility In Water ☒ Complete ☐ Insoluble ☐ Emulsifiable or (Dispersible) ☐ Slight (or Partial)  
Evaporation Rate (vs H<sub>2</sub>O) NA ☐ Faster ☐ Slower ☐ 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 ☐ 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 ☒ None Established ☐ Not Applicable Primary routes of Exposure ☒ Eyes ☒ Skin ☒ Oral ☒ 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: ☐ NTP ☐ IARC ☐ OSHA ☒ 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 ☒ Local Exhaust ☒ 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.