

**SECTION I**

**PRODUCT IDENTIFICATION -**

Product Name: Laundry Detergent with Bleach  
(P247050)  
Formula Type: Blended Alkaline Powder

DOT Proper Shipping Name: Cleaning Compound

**SECTION II**

**HAZARDOUS INGREDIENTS -**

Name	C.A.S. No.	%	Exposure Limit
Sodium Metasilicate	6834-92-0	10	2 mg/m <sup>3</sup> dust

**SECTION III**

**PHYSICAL DATA**

Appearance/Odor:	White powder/citrus odor	Solubility in Water:	moderate	Evaporation Rate (butyl acetate=1):	N/A
Specific Gravity:	greater than 1	pH:	11.5 ± .2 (1% solution)	Vapor Pressure (mm HG):	N/A
% Evaporation by Volume:	N/A	Boiling Point (F°):	N/A	Vapor Density (air=1):	N/A

**SECTION IV**

**FIRE AND EXPLOSION INFORMATION -**

Flashpoint (F°) (Method Used): N/A  
Extinguishing media: \_\_\_\_\_ foam \_\_\_\_\_ CO<sub>2</sub> \_\_\_\_\_ dry chemical \_\_\_\_\_ water fog \_\_\_\_\_ other   X   not applicable  
Special fire fighting procedures: Use media proper to the primary cause of the fire. Treat product as an alkaline powder.  
Unusual fire and explosion hazard: None expected.

**SECTION V**

**HEALTH HAZARD DATA -** Primary routes of entry: eyes, skin, and ingestion.

Signs and symptoms -

Eye Contact: Direct contact of product can cause irritation.  
Skin Contact: Prolonged contact can cause redness or dryness.  
Inhalation: Should not be a problem under normal use conditions and ventilation.  
Ingestion: May cause corrosive damage to mouth, throat, or stomach.  
Medical conditions generally aggravated by exposure: none known.

**FIRST AID PROCEDURES -**

Eye Contact: Flush with water immediately for 15 minutes while holding eyelids apart. If irritation persists, seek medical aid.  
Skin Contact: Immediately wash with water. If irritation persists seek medical aid.  
Inhalation: Remove to fresh air. Call a physician.  
Ingestion: Drink large amounts of water, milk, fruit juice and immediately seek medical aid. Do not induce vomiting. Never give anything to drink to an unconscious person.

**SECTION VI**

**REACTIVITY DATA -**

Stability: Stable  
Incompatibility (materials to avoid): Oxidizers, Acids, Chlorine Bleach  
Hazardous decomposition products: Carbon dioxide  
Hazardous polymerization: will not occur

**SECTION VII**

**SPILL LEAK PROCEDURES -**

Steps to be taken in case material is released or spilled: Wear protective equipment. Sweep up dry product and salvage for reuse. Flush area with water.  
Waste disposal information: Minor quantity-dissolve, dilute and flush to sanitary sewer if allowed by local regulations. Major quantity- bury in dump grounds according to local, state, and federal regulations.

**SECTION VIII**

**SPECIAL PROTECTION INFORMATION -**

Respiratory Protection: No specific requirements under normal use conditions and ventilation.  
Ventilation: Central room ventilation.  
Protective gloves: PVC, rubber, nitrile.  
Eye Protection: Splash proof glasses where eye contact may be a problem.  
Other protective measures: Rubber boots if there is product on the floor.

**SECTION IX**

**SPECIAL PRECAUTIONS -**

Handling and Storage:  
Keep container closed when not in use. For industrial and institutional use only. Keep out of reach of children. Do not breathe dust. Mix only with water. Wash contaminated clothing before reuse.

**SECTION X**

**TOXICITY DATA -**

Sodium Metasilicate Acute Oral LD50 = 1280 mg/kg (rat) Skin irritation (human) severe 250 mg/24 hr This product does not contain ingredients considered to be carcinogens by the NTP, IARC, or OSHA.

**SECTION XI**

**HAZARD RATING -** 0 = MINIMAL 1 = SLIGHT 2 = MODERATE 3 = SERIOUS 4 = SEVERE

Health: 2 Reactivity: 0 Fire: 0 Special: none

**SECTION XII**

**REGULATORY INFORMATION -**

**SECTION XIII**

**DOCUMENTARY INFORMATION -**

Date issued: 6/24/02 Supercedes: NA Reason for update: New issue

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