

MT. HOOD SOLUTIONS CO
14546 N. Lombard
Portland, OR 97203
Emergency Phone: 503-227-3505

N/A = NOT APPLICABLE
NA = NOT AVAILABLE

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: CHARGE
DATE PRINTED: 5/8/2012

PRODUCT NAME: CHARGE

PREPARED BY: Mt. Hood Solutions

DATE: August 31, 2010

CHEMICAL FAMILY: Alkaline detergent mixture

FORMULA: Proprietary

HAZARDOUS INGREDIENTS (CAS #):

Sodium hydroxide (1310-73-2)

%
Less than 25%

EXPOSURE LIMITS, ppm:

ACGIH TLV
2 mg/M³

OSHA-PEL
2 mg/M³

CARCINOGENIC INGREDIENTS: Contains no known or suspected carcinogens.

SARA TITILE III, SECTION 313 REPORTABLE INGREDIENTS: None

PHYSICAL PROPERTIES:

Boiling Point: About 212°F

Solubility in Water: 100%

Specific Gravity - Liquid (H₂O = 1): 1.26-1.27

Odor and Appearance: Opaque white liquid; mild odor

% Volatiles: N/A

% Volatile Organic Content (VOC): 0

Vapor Pressure: N/A

Vapor Density (Air = 1): N/A

FIRE AND EXPLOSION DATA:

Flash Point: None

Extinguishing Media: Water, CO₂, foam, dry chemical

Special Firefighting Procedures: None

Flammability Limits: N/A

Unusual Hazards: None

HEALTH EFFECTS:

Effects of overexposure: Corrosive. May cause severe burns to eyes and skin. Ingestion may cause burns to mouth, throat, esophagus, and stomach. Inhalation of mist may result in mild irritation of nasal mucous membranes to severe irritation to the respiratory tract.

Chronic effects of overexposure: None known

Medical conditions that may be aggravated by exposure: Dermatitis

Primary routes of entry: Ingestion, skin contact, inhalation of mist

EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact: Flush thoroughly with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact: Flush thoroughly from skin with water for at least 15 minutes. Remove all contaminated clothing. Get medical attention.

Ingestion: Drink large quantities of water and call a physician immediately. DO NOT INDUCE VOMITING. If vomiting occurs, give more water. Get immediate medical attention.

Inhalation of mist or vapor: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get immediate medical attention.

REACTIVITY DATA:

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibility: Strong acids, chlorinated hydrocarbons, reactive metals (aluminum, zinc, tin).

Hazardous Decomposition Products: Will react with reactive metals to produce hydrogen gas.

Conditions to Avoid: None

SPILL OR LEAKAGE PROCEDURES:

Steps to be taken if material is released or spilled: Prevent spread of spill by diking. Prevent spilled material from entering water source or sewer. Dilute with water. Neutralize with a weak acid and flush to sewer with plenty of water. Scrub floor to prevent slippiness.

Waste disposal method: According to local, state, or federal ordinances.

SPECIAL PROTECTION INFORMATION:

Ventilation: Use with adequate ventilation.

Respiration Protection: For mist, use NIOSH approved respirator with mist canister.

Eye Protection: Safety goggles and/or face shield required.

Protective Gloves: Impervious gloves--synthetic rubber, neoprene.

Other Protective Equipment: Rubber boots and clothing if applicable to product application.

SPECIAL PRECAUTIONS:

Precautions to be taken in handling and storage: Store in closed container. Wash thoroughly after handling.

KEEP OUT OF REACH OF CHILDREN.

Other precautions: None

HAZARD RATING:

Health: 2

Fire: 0

Reactivity: 0

0 = Minimal

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

P R O D U C T I N F O R M A T I O N

CHARGE - BUILT LAUNDRY DETERGENT

GENERAL DESCRIPTION:

CHARGE is a super concentrated detergent-builder formulated for use with automatic dispensing equipment. CHARGE combines high alkalinity with biodegradable detergents, optical brighteners, soil suspending agents, and water conditioners. CHARGE economically removes even the toughest soils from fabrics. Free-rinsing CHARGE leaves fabric soft, fresh and clean.

CHARGE is phosphate free and contains only detergents that are readily biodegradable, biorenewable, and non-toxic to aquatic life.

<u>PROPERTIES:</u>	Form:	Liquid
	Color:	Opaque white
	Odor:	Mild

USE DIRECTIONS:

CHARGE is dispensed automatically into the wash cycle through a dispensing system directly from the shipping container. Your Mt. Hood Solutions representative will adjust the dispenser to optimize performance, based on equipment, soil type and linen classification.

Average usage is 5 to 8 ounces per 100 pounds dry weight linen.

CAUTION:

Corrosive. Contains Sodium Hydroxide. May cause burns to eyes and skin. For contact with skin or eyes, flush thoroughly with fresh water for at least 15 minutes. For eyes, get prompt medical attention. Do not ingest. Consult the Material Safety Data Sheet for additional precautions.

KEEP OUT OF REACH OF CHILDREN.

PACKAGING: 5 gal. pail

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