

MT. HOOD CHEMICAL CORPORATION  
4444 N.W. Yeon Avenue  
Portland, Oregon 97210  
Emergency Phone: 503-227-3505

#34120 Page 1

MATERIAL SAFETY DATA SHEET  
PRODUCT NAME: S-44

N/A = NOT APPLICABLE  
NA = NOT AVAILABLE

PRODUCT NAME: S-44 PREPARED BY: K. Woods DATE: August 31, 1995

CHEMICAL FAMILY: Alkaline Detergent Mixture FORMULA: Proprietary

HAZARDOUS INGREDIENTS (CAS #):	%	EXPOSURE LIMITS, ppm:	ACGIH TLV	OSHA-PEL
Sodium metasilicate (6834-92-0)	Less than 25%		N/A	N/A
Sodium carbonate (49-71-98)	Less than 25%		N/A	N/A

CARCINOGENIC INGREDIENTS: Contains no known or suspected carcinogens.  
SARA TITLE III, SECTION 313 REPORTABLE INGREDIENTS: None

PHYSICAL PROPERTIES:

Boiling Point: N/A	% Volatiles: N/A
Solubility in Water: Appreciable	% Volatile Organic Content (VOC): 0
Specific Gravity - Liquid (H <sub>2</sub> O = 1): N/A	Vapor Pressure: N/A
Odor and Appearance: White granules; mild scent	Vapor Density (Air = 1): N/A

FIRE AND EXPLOSION DATA:

Flash Point: None	Flammability Limits: N/A
Extinguishing Media: Water, CO <sub>2</sub> , foam, dry chemical	
Special Firefighting Procedures: None	Unusual Hazards: None

HEALTH EFFECTS:

Effects of overexposure: May cause eye or skin irritation. Ingestion may cause nausea or diarrhea. Ingestion may also cause irritation or burns to mouth, throat, and esophagus. Inhalation of dust may cause irritation to the respiratory tract.  
Chronic effects of overexposure: None known or expected.  
Medical conditions that may be aggravated by exposure: None known or expected.  
Primary routes of entry: Ingestion, skin contact, inhalation of dust.

EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact: Flush thoroughly with plenty of water for several minutes. If irritation persists, see a physician.  
Skin Contact: Flush thoroughly from skin with water. If irritation persists, see a physician.  
Ingestion: Drink plenty of water and call a physician immediately. DO NOT INDUCE VOMITING UNLESS INSTRUCTED BY A PHYSICIAN.  
Inhalation of dust: Move to fresh air if dust causes discomfort. If discomfort persists, see a physician.

REACTIVITY DATA:

Stability: Stable	Hazardous Polymerization: Will not occur.
Incompatibility: Strong acids will neutralize the product.	
Hazardous Decomposition Products: None	Conditions to Avoid: None

SPILL OR LEAKAGE PROCEDURES:

Steps to be taken if material is released or spilled: Sweep up and place in a closed container.  
Waste disposal method: According to local, state, or federal ordinances.

SPECIAL PROTECTION INFORMATION:

Ventilation: No special ventilation required.  
Respiration Protection: None required under normal use.  
Eye Protection: Safety goggles or glasses are recommended, especially in dusty areas.  
Protective Gloves: Impervious gloves are recommended for prolonged or repeated handling, or for individuals with sensitive skin.  
Other Protective Equipment: None required.

SPECIAL PRECAUTIONS:

Precautions to be taken in handling and storage: Store in closed container in a dry place. Wash thoroughly after handling.  
KEEP OUT OF REACH OF CHILDREN.  
Other precautions: None

HAZARD RATING:

Health:	1	0 = Minimal	3 = Serious
Fire:	0	1 = Slight	4 = Severe
Reactivity:	0	2 = Moderate	
Specific Hazard:	N/A		

34120



34/20 page 2

## PRODUCT INFORMATION

### S-44 - MEDIUM BUILT LAUNDRY DETERGENT

#### GENERAL DESCRIPTION:

S-44 is a medium built, synthetic laundry detergent for light to medium soil classifications. S-44 is ideal for motels, hotels, nursing homes and other institutions where light to medium soils are encountered. S-44 can be used in a home-type machine. S-44 is safe for permanent press and dacron fabrics and can be used with chlorine bleaches.

USDA authorized for use in federally inspected food processing plants.

PROPERTIES:

Form.....	Granular, free flowing
Color.....	White
Odor.....	None
pH (1%).....	12.00

#### USE DIRECTIONS:

Use 8 to 12 ounces of S-44 per 100 pounds of dry linen.

Wash temperature: Up to 160° F.

#### CAUTION:

May cause burns to skin, eyes and mucous membranes. For contact with skin or eyes, flush area thoroughly with water for at least 15 minutes. If irritation persists, get medical attention. If swallowed, do not induce vomiting. Give large quantities of water. Give 1 ounce vinegar in an equal amount of water. Call a physician.

KEEP OUT OF REACH OF CHILDREN.

PACKAGING:

300 lb. drum
80 lb. sack
50 lb. box

### MT. HOOD CHEMICAL CORPORATION

4444 N.W. YEON AVENUE, PORTLAND, OREGON 97210  
(503) 227-3505 FAX (503) 225-9143  
Call Toll Free (800) 547-2594