

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

CHALLENGE - LIQUID LAUNDRY DETERGENT

GENERAL DESCRIPTION:

CHALLENGE is a liquid laundry detergent for use in both hot or cold water. CHALLENGE is safe on all washable fabrics. Free rinsing CHALLENGE is ideal for hand washing of woolens and delicate washable fabrics. CHALLENGE contains concentrated detergents, surfactants, and optical brighteners. Completely biodegradable and phosphate free.

USDA Authorized for use in Federally inspected food processing facilities.

PROPERTIES:

Form:	Clear Liquid
Color:	Light amber
Odor:	Mild scent

USE DIRECTIONS:

Use 4 to 6 ounces of CHALLENGE per 100 lbs. of dry weight linen. For home style washers, add 1/3 cup (3 ounces) of CHALLENGE per load.

For hand washing, use about 1 ounce per 3 gallons of water.

CAUTION:

Contains concentrated detergents. May cause eye or skin irritation. For contact with eyes, flush thoroughly with plenty of water for at least 15 minutes. Get prompt medical attention. Wash thoroughly after handling. Consult the Material Safety Data Sheet for additional precautions.

KEEP OUT OF REACH OF CHILDREN.

PACKAGING:

55 gallon drum
5 gallon pail
4x1 gallons / case

12/06

MT. HOOD CHEMICAL CORPORATION
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Portland, Oregon 97210
Emergency Phone: 503-227-3505

N/A = NOT APPLICABLE
NA = NOT AVAILABLE

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: CHALLENGE

DATE PRINTED: 2/7/2007

PRODUCT NAME: CHALLENGE

PREPARED BY: K. Woods

DATE: August 31, 1995

CHEMICAL FAMILY: Synthetic Detergent Mixture

FORMULA: Proprietary

HAZARDOUS INGREDIENTS (CAS #):

None

%
N/A

EXPOSURE LIMITS, ppm: ACGIH TLV OSHA-PEL
N/A N/A

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

PHYSICAL PROPERTIES:

Boiling Point: About 200°F
Solubility in Water: 100%
Specific Gravity - Liquid (H₂O = 1): 1.02-1.03
Odor and Appearance: Clear amber liquid; perfumed odor

% Volatiles: NA
% 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
Unusual Hazards: None

Flammability Limits: N/A

HEALTH EFFECTS:

Effects of overexposure: Contains concentrated detergents. May cause temporary minor eye irritation. Prolonged skin contact may cause minor irritation or dryness in some sensitive individuals. Ingestion may cause nausea and diarrhea.
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

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.
Ingestion: Drink plenty of water and call a physician immediately.
Inhalation of mist or vapor: N/A

REACTIVITY DATA:

Stability: Stable
Incompatibility: None
Hazardous Decomposition Products: None
Conditions to Avoid: None

Hazardous Polymerization: Will not occur

SPILL OR LEAKAGE PROCEDURES:

Steps to be taken if material is released or spilled:
Flush to sewer with plenty of water, mop up, or absorb on an absorbent.
Scrub floor well to remove residue to prevent slipperiness.
Waste disposal method: According to local, state, or federal ordinances.

SPECIAL PROTECTION INFORMATION:

Ventilation: NA
Respiration Protection: None required
Eye Protection: None required
Protective Gloves: None required
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:	0	0 = Minimal	3 = Serious
Fire:	0	1 = Slight	4 = Severe
Reactivity:	0	2 = Moderate	
Specific Hazard:	N/A		