

MT. HOOD CHEMICAL CORPORATION (MT. HOOD SOLUTIONS)

14546 N. Lombard
 Portland, Oregon 97203
 Emergency Phone: 503-227-3505

N/A = NOT APPLICABLE
 NA = NOT AVAILABLE

MATERIAL SAFETY DATA SHEET**PRODUCT NAME: PURE**

DATE PRINTED: 06/20/11

PRODUCT NAME: PURE	PREPARED BY: K. Woods	DATE: August 31, 1995
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CHEMICAL FAMILY: Sodium hypochlorite solution	FORMULA: Proprietary
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HAZARDOUS INGREDIENTS (CAS #): Sodium hypochlorite (7681-52-9)	%	Less than 7%	EXPOSURE LIMITS, ppm:	ACGIH TLV N/A	OSHA-PEL N/A
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CARCINOGENIC INGREDIENTS: Contains no known or suspected carcinogens.
 SARA TITLE III, SECTION 313 INGREDIENTS: None

PHYSICAL PROPERTIES: Boiling Point: About 212°F Solubility in Water: 100% Specific Gravity - Liquid (H ₂ O = 1): 1.13-1.15 Odor and Appearance: Clear, pale yellow liquid; chlorine odor	% Volatiles: N/A % Volatile Organic Content (VOC): 0 Vapor Pressure: N/A Vapor Density (Air = 1): N/A
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FIRE AND EXPLOSION DATA: Flash Point: None Extinguishing Media: Water, CO ₂ , foam, dry chemical Special Firefighting Procedures: Keep away from organic materials.	Flammability Limits: N/A Unusual Hazards: None
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HEALTH EFFECTS:
 Effects of overexposure: Corrosive. May cause burns to eyes or 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 of 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 or until medical attention is obtained. Get medical attention.
 Skin Contact: Flush thoroughly from skin with water for at least 15 minutes or until medical attention is obtained. Get medical attention. Remove all contaminated clothing.
 Ingestion: Drink large quantities of water or milk and call a physician immediately. DO NOT INDUCE VOMITING. If vomiting occurs, give more water. Never give anything by mouth to an unconscious person. 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 prompt medical attention.

REACTIVITY DATA: Stability: Stable Incompatibility: Acids, ammonia, organic materials Hazardous Decomposition Products: Chlorine gas, hypochlorous acid	Hazardous Polymerization: Will not occur Conditions to Avoid: None
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SPILL OR LEAKAGE PROCEDURES:
 Steps to be taken if material is released or spilled: Prevent spread of spill by diking. Ventilate area well. Small spills (5 gallons or less): Dilute with water and flush to sewer with plenty of water. Large spills: Dilute with water. Neutralize with thiosulfate or sulfite. Flush neutralized material to sewer with plenty of water.
 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 chlorine canister.
 Eye Protection: Safety goggles and/or face shield required.
 Protective Gloves: Impervious gloves of synthetic rubber or neoprene.
 Other Protective Equipment: None

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

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

**PURE – LIQUID CHLORINE SANITIZER FOR LOW
TEMPERATURE DISHMACHINES**

EPA Reg# 550-199-5891

GENERAL DESCRIPTION:

PURE is an EPA-registered liquid chlorine sanitizer designed for the low-temperature dishmachine. A highly effective destainer, the chlorine in PURE attacks food stains upon contact. The perfect liquid chlorine for the low-temp machine, PURE is automatically dispensed into the rinse cycle at the required 50-100 ppm available chlorine.

PROPERTIES:

Form:	Liquid
Color:	Light Yellow
Odor:	Chlorine

USE DIRECTIONS:

PURE is dispensed automatically into rinse cycle from the shipping container. Your Mt. Hood Solutions representative will set the dispenser for the proper chlorine level.

CAUTION:

Corrosive. May cause eye or skin irritation. For contact with skin or eyes, flush with plenty of water for at least 15 minutes. For eyes, get prompt medical attention. Do not ingest. Wash after handling. Do not mix with acids or other chemicals. Consult the Material Safety Data Sheet for additional precautions.

KEEP OUT OF REACH OF CHILDREN.

PACKAGING: 5 gallon pail

03/09