

MT. HOOD CHEMICAL CORPORATION (MT. HOOD SOLUTIONS)

14546 N. Lombard

Portland, Oregon 97203

Emergency Phone: 503-227-3505

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

N/A = NOT APPLICABLE

NA = NOT AVAILABLE

DATE PRINTED: 5/8/2012

PRODUCT NAME: QUANTUM

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 hydroxide (1310-73-2) | More than 25% | | 2 mg/M ³ | 2 mg/M ³ |
| Sodium metasilicate (6834-92-0) | Less than 25% | | N/A | N/A |
| Sodium carbonate (49-71-98) | Less than 25% | | N/A | N/A |
| Sodium dichloroisocyanurate (2893-78-9) | Less than 5% | | 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 ₂ O = 1): N/A | Vapor Pressure: N/A |
| Odor and Appearance: White granules; chlorine odor | Vapor Density (Air = 1): N/A |

FIRE AND EXPLOSION DATA:

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

HEALTH EFFECTS:

Effects of overexposure: May cause eye or skin irritation or burns. 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 at least 15 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: Acids, ammonia | |
| 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. Use dust mask if dusty.

Respiration Protection: None required under normal use.

Eye Protection: Safety glasses or goggles recommended, especially in dusty area.

Protective Gloves: Impervious gloves are recommended.

Other Protective Equipment: None required.

SPECIAL PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

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

Other precautions: None required.

HAZARD RATING:

| | | |
|---------------|--------------|-------------|
| Health: 2 | 0 = Minimal | 3 = Serious |
| Fire: 0 | 1 = Slight | 4 = Severe |
| Reactivity: 0 | 2 = Moderate | |

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

QUANTUM - CONDENSED DISHMACHINE DETERGENT

GENERAL DESCRIPTION:

QUANTUM is a highly condensed chlorinated dishmachine compound. Designed with safety in mind, QUANTUM is dispensed directly from the container. No chemicals to handle. Ideal for all water conditions. Heavy duty QUANTUM removes stubborn stains from glassware, china, and plastic ware. Not safe on aluminum. QUANTUM is highly concentrated and contains no water (anhydrous), which translates to substantial cost savings over solid products.

| | | |
|---------------------------|--------|--------------------|
| <u>PROPERTIES:</u> | Form: | Condensed granular |
| | Color: | White |
| | Odor: | Mild chlorine |

USE DIRECTIONS:

QUANTUM is dispensed directly into the dishmachine from the handy 9 lb pound canister. Your Mt. Hood Solutions sales representative will adjust the dispensing system for optimum performance and economy.

CAUTION:

Corrosive. Contains sodium hydroxide. Do not remove from canister. Contact may cause skin irritation or eye burns. In case of contact with skin, immediately rinse thoroughly with plenty of water. For eyes, flush thoroughly with plenty of water for at least 15 minutes and obtain medical attention. Do not ingest. Consult the Material Safety Data Sheet for additional precautions.

KEEP OUT OF REACH OF CHILDREN.

PACKAGING: 4x9 lb. canisters/case

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