

MT. HOOD CHEMICAL CORPORATION (MT. HOOD SOLUTIONS)

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 Portland, Oregon 97203
 Emergency Phone: 503-227-3505

N/A = NOT APPLICABLE
 NA = NOT AVAILABLE

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

DATE PRINTED: 5/8/2012

PRODUCT NAME :**PARADISE**

PREPARED BY: K. Woods

DATE: June 12,2006

CHEMICAL FAMILY: Acid mixture

FORMULA: Proprietary

HAZARDOUS INGREDIENTS (CAS #):

%

EXPOSURE LIMITS, ppm: ACGIH TLV OSHA-PEL

Acetic acid (64-19-7)

Less than 20%

10

10

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): 1.015-1.040

Odor and Appearance: Clear, light yellow liquid; pungent odor

% Volatiles: N/A

% Volatile Organic Content (VOC): 0

Vapor Pressure: NA

Vapor Density (Air = 1): NA

FIRE AND EXPLOSION DATA:

Flash Point: None

Extinguishing Media: Water, CO₂, foam, dry chemical

Special Firefighting Procedures: Wash down any metal in contact with product with plenty of water. If large quantities are present, use self-contained breathing apparatus.

Unusual Hazards: None

Flammability Limits: N/A

HEALTH EFFECTS:

Effects of overexposure: Corrosive. May cause burns to eyes. May cause skin irritation. 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

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

Medical conditions that may be aggravated by exposure: None known

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. If burns are present or if irritation persists, seek medical attention.

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: Alkalis, chlorine bleaches, ammonia, metals

Conditions to Avoid: None

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: None

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 (10 gallons or less): Dilute with water and neutralize with lime or soda ash. Flush neutralized solution to sewer with plenty of water.

Large spills: Dilute with water and neutralize with lime or soda ash. Absorb neutral material on an absorbent and place in a closed container.

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

SPECIAL PROTECTION INFORMATION:

Ventilation: Use with adequate ventilation.

Respiration Protection: Not needed in normal use.

Protective Gloves: Impervious gloves--synthetic rubber, neoprene when handling concentrate

Eye Protection: Safety goggles and/or face shield when handling concentrate

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:

Health: 1

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

PARADISE - FRUIT AND VEGETABLE WASH

GENERAL DESCRIPTION:

PARADISE is a mildly acidic fruit and vegetable wash compound ideal for apples, pears, potatoes, tomatoes, etc. Removes dirt, pesticides, bacteria-harboring grime, dust, and water spots from skins and peels. Free rinsing, highly concentrated, and economical. Meets FDA guidelines for fruit and vegetable washing.

While PARADISE will remove surface soil, which may harbor bacteria and pesticide residue, it will not kill E. coli. The bacteria, E. coli, may be present inside the fruit or vegetable. Only cooking at the proper temperature will kill this microorganism.

PROPERTIES:

Form:	Liquid
Color:	Amber
Odor:	Vinegar

USE DIRECTIONS:

Manual Washing: Add 1 – 2 oz. PARADISE per gallon of water in a sink. Add fruit and vegetables, scrub if needed. Rinse fruit and vegetables thoroughly with potable water.

Fruit & Vegetable Washer: Add 1 – 2 oz. PARADISE per gallon of water. Spray onto fruit in the brush or scrubber section of the fruit washer. Rinse fruit and vegetables thoroughly with potable water.

CAUTION:

Contains acetic acid. May cause skin irritation. May cause eye irritation or burns. Wear impervious gloves and eye protection when handling. For contact with skin or eyes, flush thoroughly with plenty of 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: 4x1 gallons/cs

01/07