

**MT. HOOD CHEMICAL CORPORATION (MT. HOOD SOLUTIONS)**

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Emergency Phone: 503-227-3505

N/A = NOT APPLICABLE

NA = NOT AVAILABLE

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

DATE PRINTED: 5/8/2012

PRODUCT NAME: **ProKling**

PREPARED BY: Mt. Hood Solutions

DATE: June, 2011

CHEMICAL FAMILY: Alkaline detergent mixture

FORMULA: Proprietary Trade Secret

**HAZARDOUS INGREDIENTS (CAS #):**

Potassium hydroxide (1310-58-3)

2-butoxyethanol (111-76-2) \*\*

%

4 - 9%

Less than 5%

EXPOSURE LIMITS, ppm: ACGIH TLV OSHA-PEL

2 mg/M<sup>3</sup>2 mg/M<sup>3</sup>

25

25

\*\* Ingredient subject to SARA Title III, Section 313 reporting requirements if annual usage exceeds 10,000 lbs.

CARCINOGENIC INGREDIENTS: Contains no known or suspected carcinogens.

SARA TITLE III, SECTION 313 REPORTABLE INGREDIENTS: None

**PHYSICAL PROPERTIES:**

Boiling Point: NA

Solubility in Water: Miscible

Specific Gravity - Liquid (H<sub>2</sub>O = 1): 1.05-1.10

Odor and Appearance: Hazy, yellow liquid; bland odor

pH (100%): 13.5

% Volatiles: NA

% Volatile Organic Content (VOC): 0%

Vapor Pressure: NA

Vapor Density (Air = 1): N/A

Evaporation Rate (H<sub>2</sub>O=1): 1**FIRE AND EXPLOSION DATA:**

Flash Point: None

Extinguishing Media: Water, CO<sub>2</sub>, foam, dry chemical

Special Firefighting Procedures: None

Flammability Limits: N/A

Unusual Hazards: None

**HEALTH EFFECTS:**

Effects of overexposure: Corrosive. May cause severe burns to eyes and 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 to the respiratory tract.

Chronic effects of overexposure: None known

Medical conditions that may be aggravated by exposure: Dermatitis

Primary route of entry: Skin contact

**EMERGENCY AND FIRST AID PROCEDURES:**

Eye Contact: Flush thoroughly with plenty of water for at least 15 minutes. Get immediate medical attention.

Skin Contact: Flush thoroughly from skin with water for at least 15 minutes. Get medical attention if irritation persists.

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

Hazardous Polymerization: Will not occur

Incompatibility: Acids, organohalogens, organonitro compounds, oxidizers, reactive metals (aluminum, zinc, tin, alloys containing these metals).

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, other unidentified organic compounds

Conditions to Avoid: Prolonged contact with aluminum, tin, zinc, or lead may produce flammable hydrogen gas.

**SPILL OR LEAKAGE PROCEDURES:**

Steps to be taken if material is released or spilled: Contain for disposal and recovery. Dilute with water. Neutralize with a weak acid and flush to sanitary sewer with plenty of water OR absorb neutralized material on an absorbent. Mop floor to prevent slipperiness.

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

**SPECIAL PROTECTION INFORMATION:**

Ventilation: Use with adequate ventilation. Normal ventilation satisfactory.

Respiration Protection: Not required for normal use. If TLV exceeded, For mist, use NIOSH approved respirator with mist canister.

Eye Protection: Safety glasses or goggles.

Protective Gloves: Impervious gloves--synthetic rubber, neoprene.

Other Protective Equipment: Rubber boots and clothing if applicable to product application.

**SPECIAL PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.**

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

Other precautions: When diluting or neutralizing, mix slowly into water with agitation.

**HAZARD RATING:**

Health: 3

Fire: 0

Reactivity: 1

0 = Minimal

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

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

**PRO KLING - Foaming Oven & Grill Cleaner**

**GENERAL DESCRIPTION:**

PRO KLING cuts through baked on grease, grime, and food soil quickly and easily. Thickened to cling to vertical surfaces, PRO KLING works on warm or cold surfaces. PRO KLING is ideal for cleaning deep fat fryers, hoods, and barbecue racks. Not for use on aluminum.

**PROPERTIES:**

Form:	Thick Liquid
Color:	Light Amber
Odor:	Bland

**USE DIRECTIONS:**

Spray generous amounts of PRO KLING on surface to be cleaned. Allow to work until grease and grime are loosened. Scrub heavily encrusted areas with scouring pad. Wipe clean and rinse thoroughly with fresh water. Rinse grills or deep fryers with vinegar solution.

Note: Cleaner will work longer on a cold surface.

**CAUTION:**

Corrosive. Contains Caustic. May cause burns to eyes and skin. Wear eye protection and impervious gloves when handling. For contact with skin or eyes, flush thoroughly with fresh 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:** 6 x 32 oz/case

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