

MATERIAL SAFETY DATA SHEET

(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable
Not Est. = Not Established
Prop. = Proprietary

SECTION 1 - MANUFACTURER / DISTRIBUTOR INFORMATION

Product Name: KITCHEN MATE Professional Oven & Grille Cleaner
Supplier's Name: National Chemical Laboratories of PA, Inc.
Supplier's Address: 401 N. 10th Street · Philadelphia PA 19123
HMIS Hazard Code: Health: 3 Flammability: 4 Reactivity: 2 Other: 0
Chemical Family: Blended Detergent
D.O.T. Shipping Name: CONSUMER COMMODITY

Product #: 2005
Emergency Phone #: CHEM-TEL (800) 255-3924
Chemical Name: N.A. Proprietary Blend
Formula: N.A. Blended Product
Hazard Class: ORM-D **D.O.T. ID#:** N/A

SECTION 2 - HAZARDOUS INGREDIENTS

| CHEMICAL NAME | CAS NUMBER | % Concentration Range | Hazard Ratings (TLV/PEL) |
|---------------------|------------|-----------------------|--------------------------|
| Potassium Hydroxide | 1310-58-3 | PROP. | 2 mg/m ³ |
| *Butyl Carbitol | 112-34-5 | PROP. | None |
| Monoethanolamine | 141-43-5 | PROP. | 3 |
| Isobutane | 75-28-5 | PROP. | None |

* All chemical compounds marked with an Asterisk (*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Super fund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this material safety data sheet.

SECTION 3 - PHYSICAL DATA

Boiling Point Range (°F): 11.75 to 453
Vapor Pressure PSIG: 54
Vapor Density: 4.0

Appearance: Cloudy
Specific Gravity: 0.9000
Solubility In Water: Soluble

Odor: Alkaline
Melting Point: NA
Evaporation Rate: <1

SECTION 4 - FIRE AND EXPLOSION DATA

NFPA 30B Rating: 1 **Flash Point (°F):** 160 (TOC) **Flammable Limits in Air % by Volume:** LEL: 1.9% UEL: 8.5%
Unusual Fire & Explosion Hazards: Heated cans may burst.
Extinguishing Media: Use water fog, dry chemical or carbon dioxide.
Special Fire Fighting Procedures: Aerosol cans may rupture when heated.

SECTION 5 - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes **Threshold Limit Value:** Not Est.
Effects of Overexposure: May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to effect the central nervous system. May burn nose, mouth, lungs and throat. Inhalation of high concentrations may result in permanent lung damage. May cause severe irritation and/or burns to eyes and skin. May be fatal if swallowed.
Signs & Symptoms of Exposure: Inhalation - Difficulty in breathing. Skin - Redness. Ingestion - Vomiting
Emergency & First Aid Procedures: Give oxygen. **For Eyes:** Flush thoroughly with water for at least fifteen minutes. If irritation persists seek medical attention. **For Skin:** Wash thoroughly with soap and water. If irritation persists seek medical attention. **If ingested:** Do not induce vomiting. Seek medical attention. Never give anything by mouth to an unconscious person.
Conditions Aggravated by Exposure: Heart disease; Respiratory disorders
Listed Carcinogen, Mutagen, Teratogen (Ingredient, Source, Amount): Presently not on any list.

SECTION 6 - REACTIVITY DATA

Stability: Stable
Incompatibility: Aluminum, tin, acids, nitrogen containing organics, carbohydrates, phosphorous, ketones, strong oxidizers, acrylates, organic anhydrides, copper, brass, organic peroxides, explosives.
Hazardous Decomposition Products: In fire will decompose to carbon dioxide, water, hydrogen and oxides of nitrogen.
Hazardous Polymerization: Will not occur.

Conditions to Avoid: High temperatures

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.
Waste Disposal Method: Dispose as hazardous waste in accordance with EPA RCRA.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Self contained breathing apparatus if Section 9 limit exceeding.
Ventilation: Local
Protective Gloves: Not required if spraying.
Eye Protection: Goggles or safety glasses with side shields
Other Protective Equipment: Long sleeves and long pants.
Work/Hygienic Practices: Do not smoke while using. Wash hands after use.

SECTION 9 - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Keep away from heat, sparks or open flame. Store at temperatures below 120°F.
Other Precautions: When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

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Date Prepared – 10/05/00 By: G.C.