MATERIAL SAFETY DATA SHEET

Midlab, Inc. P.O. Box 720
280 Industrial Park Road
Sweetwater, TN 37874
423-337-3180 (8AM-5PM WEEKDAYS)

EMERGENCY PHONE NUMBER (INFOTRAC) 1-800-535-5053 (24 HOURS DAILY)

DATE PREPARED 08/12/95 PREPARED BY: Mark Plemons

HMIS RATINGS

2 HMIS HEALTH
0 HMIS FLAMMABILITY
2 HMIS REACTIVITY
C HMIS PERSONAL PROTECTION

SECTION I - IDENTIFICATION

PRODUCT NUMBER 250041
PRODUCT NAME FOAMING OVEN AND
CUSTOMER NUMBER 34487
DISTRIBUTED BY VACUUM CLEANER SERVICE 3
DISTRIBUTOR ADDRESS 4735 S MEMORIAL TULSA OK
SYNONYMS Degreaser/Carbon Remover
CHEMICAL FAMILY Alkalins

SECTION II - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Percent Range</th>
<th>Cas Number</th>
<th>TWA/TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>80-90</td>
<td>7732-18-5</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Lauryl Dimethylamine</td>
<td>&lt;5</td>
<td>1643-20-5</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Oxide</td>
<td>&lt;10</td>
<td>1310-58-3</td>
<td>2 mg/cu. m</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>&lt;5</td>
<td>111-76-2</td>
<td>25 ppm</td>
</tr>
</tbody>
</table>

SECTION III - PHYSICAL DATA

APPEARANCE & ODOR Amber, viscous liquid with a crisp, citrus scent

BOILING POINT 215 Degrees F.
MELTING/FREEZING POINT Not Known
VAPOR PRESSURE Not Known

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VAPOR DENSITY (air=1)  >1
EVAPORATION RATE (H2O=1)  >1
SPECIFIC GRAVITY  1.11
OH  >13
SOLUBILITY IN H2O Complete @ 25 Degrees C.
VOLATILE BY WEIGHT  <90

SECTION IV-FIRE AND EXPLOSION DATA

FLASHPOINT  Not Applicable
METHOD  Not Applicable
LOWER EXPLOSION LIMIT (% BY VOL)  Not Applicable
UPPER EXPLOSION LIMIT (% BY VOL)  Not Applicable
EXTINGUISHING MEDIA  Water, Carbon Dioxide, Dry Chemical or Foam
SPECIAL FIRE FIGHTING PROCEDURES  Wear full protective gear including self-contained breathing apparatus. Keep heated containers cool with water spray.
UNUSUAL FIRE AND EXPLOSION HAZARDS  Vapors are more dense than air and may travel long distances before flashing back to source. Heat may cause product decomposition. See Hazardous Decomposition Products in Section V.

SECTION V-REACTIVITY DATA

STABILITY  Stable
HAZARDOUS POLYMERIZATION  Will not occur
INCOMPATIBILITY  Acids, oxidizing agents, reactive or soft metals and any uncontrolled contact with water.
HAZARDOUS DECOMPOSITION  Oxides of carbon and/or of phosphorous and/or of nitrogen, ammonia, amines.

SECTION VI-HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE  Not established for mixture.

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OSHA PEL

Not established for mixture.

LISTED CARCINOGEN

No ingredients listed by NTP, IARC or OSHA Subpart Z.

MEDICAL CONDITION AGGRAVATED

Pre-Existing eye or skin disorders. Pre-existing liver, kidney and/or blood disorders.
Pre-existing respiratory disorders. Pre-existing central nervous system disorders.

INHALATION

Inhaling concentrated vapors may cause respiratory irritation. Chronic inhalation of vapors may cause liver, kidney and/or blood disorders. Inhaling concentrated dusts, fumes and/or mists is corrosive to all body tissues contacted. Inhaling concentrated vapors may cause nausea, fatigue, Central Nervous System Depression, dizziness and/or other anesthetic effects.

INGESTION

Chronic ingestion may cause liver, kidney and/or blood disorders. Ingestion is corrosive to any body tissues contacted.

EYES

Any contact with product is corrosive to eyes.

SKIN (DERMAL)

Product is corrosive to skin. Product is corrosive to skin. Chronic exposure by skin absorption may cause liver, kidney and/or blood disorders.

SECTION VII-FIRST AID

BREATHING (INHALATION)

Remove victim to fresh air. Administer cardio-pulmonary resuscitation if breathing or heart have stopped. Get immediate medical attention. If available, oxygen may be administered to facilitate breathing.

INGESTION (SWALLOWING)

Immediately drink large amounts of milk, vegetable oil, citrus juice or, if these are unavailable, water to dilute. DO NOT INDUCE VOMITING. Get immediate medical attention. Never give anything by mouth to an unconscious person.
Not established for mixture.

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EYES
Immediately flush eyes with running water for at least 15 minutes. Remove and discard contaminated contact lenses. Get immediate medical attention. If possible, continue to flush eyes with running water until medical aid is received.

SKIN
Immediately flush affected area with running water for at least 15 minutes. Remove contaminated clothing and wash before reuse. Apply a good moisturizing lotion and seek prompt medical attention if irritation develops or persists.

NOTE TO PHYSICIAN
If ingested, risk of mucosal damage and pulmonary edema associated with emesis should be weighed against risk of generating dangerous levels of gas and heat associated with neutralization and against toxicity of exposure.

SECTION VIII-EMPLOYEE PROTECTION

RESPIRATORY PROTECTION
NIOSH approved respirator for organic vapors as necessary to prevent irritation or overexposure.
NIOSH approved respirator for dust, fumes and mists as necessary to prevent irritation or overexposure.

PROTECTIVE EQUIPMENT
Rubber, neoprene, nitrile, PVC or other chemically resistant skin protection as required to prevent contact. Chemical splash glasses, splash goggles or full face shield as necessary to prevent contact.

ADDITIONAL MEASURES
Eyewash and shower facilities suggested.

VENTILATION
Mechanical exhaust is sufficient for most short-term exposures. Local exhaust may be required to prevent exceeding TWA/TLV.

SECTION IX-ENVIRONMENTAL PROTECTION MEASURES

SPILL
Wear full protective gear. Dike & contain spill. Pump as much material as possible to salvage vessels. Dilute remaining residue and neutral with DILUTE acetic acid (vinegar).

WASTE
Dispose of all wastes according to all federal state and local legislation.

SECTION X-TRANSPORT DATA (DOT)

91/27/19972500 KS 2500 FOAMING OVEN AND
PROPER SHIPPING NAME
Consumer Commodity, ORM-D

RQ
The reportable quantity for glycol ethers is 1 lb. per the Clean Air Act. The reportable quantity for potassium hydroxide is 1000 lbs. per CERCLA.

SECTION XI-BILL OF LADING DESCRIPTION
DESCRIPTION
Consumer Commodity

SECTION XII-OTHER REGULATORY DATA
NCRA STATUS
Triggered only by product characteristics after use.

TSCA STATUS
All ingredients of this product are listed on the TSCA inventory.

SARA (SECTION 302)
Product contains no EPA Extremely Hazardous Substances and is therefore not regulated under SARA Section 302.

SARA (SECTION 312)
Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard, Reactive Hazard, Contains 4.6% Glycol Ethers which, as a class, are regulated under SARA Section 312 Toxic Release Inventory Reporting Requirements.

SARA (SECTION 313)

CWA (PRIORITY POLLUTANTS)
Depending on the type of operation this product is used in and the state where it is used, discharge of effluent containing this product may require application for a National Pollutant DischargeElimination System Permit from the EPA.

SECTION XIII-PRECAUTIONARY LABEL STATEMENTS
WARNING
WARNING: KEEP OUT OF REACH OF CHILDREN. For Industrial and Institutional Use Only.

SECTION XIV-ADDITIONAL INFORMATION
ADDITIONAL
Use Product only as recommended on the label or literature.
NOTICE: No representations or warranties, either expressed or implied, of the merchantability, fitness for a particular purpose, or of any other nature are made with respect to information concerning the product referred to in this MATERIAL SAFETY DATA SHEET. The information and recommendations contained in this MATERIAL SAFETY DATA SHEET are believed to be correct as of the date hereof. No representations as to the completeness or accuracy of this information are made by the manufacturer or the seller. Information is supplied on the express condition that persons receiving same will be required to make their own determination as to its suitability for their purposes prior to use. In no event will the manufacturer be responsible for damages of any nature whatsoever resulting from the use of reliance upon or the misuse of this information.