

# Material Safety Data Sheet

HMIS®

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

HEALTH

3

REACTIVITY

1

FLAMMABILITY

1

PERSONAL PROTECTION

B

**Identity** (As Used on Label and List)  
38732, 38725, 38705, 38755  
Cleaner

Jelled Oven

*Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*

## SECTION I

<b>Manufacturer's Name</b> ITW Dymon	<b>Emergency Telephone Number</b> 1-800-535-5053
<b>Address (Number, Street, City, State, and ZIP Code)</b> 805 EAST OLD 56 HIGHWAY  OLATHE, KANSAS 66061	<b>Telephone Number for Information</b> 1-913-397-9889
	<b>Date Prepared</b> May 2, 2002
	<b>Signature of Preparer (Optional)</b> Regulatory Dept.

## SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	% (Opt.)
Potassium hydroxide	1310-58-3	2mg/m3-ceiling	2mg/m3-ceiling		5 - 10 %
* Butoxydiglycol	112-34-5	Not established	Not established		5 - 10 %

\* Butoxydiglycol (a glycol ether compound) may require reporting under SARA Title III Sec. 313 if used over the threshold reporting quantity. Refer to 40 CFR 372. This information must be included in all MSDSs that are copied or distributed for this material.

TSCA: All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

## SECTION III Physical/Chemical Characteristics

<b>Boiling Point</b>	212° F	<b>Specific Gravity (H<sub>2</sub>O = 1)</b> @70° F	1.06
<b>Vapor Pressure (mm Hg @ 70° F)</b>	No Data	<b>Melting Point</b>	No Data
<b>Vapor Density (AIR = 1)</b>	Greater than one (1)	<b>Evaporation Rate (Butyl Acetate = 1)</b>	No Data
<b>Solubility in Water -</b>	Complete	<b>pH</b>	13.5 ± 0.5
<b>Appearance and Odor</b> - Light tan opaque flowable jell with a glycol ether odor.		<b>VOC's</b> --This product contains 0 grams per liter or 0% by weight VOC's.	

## SECTION IV - Fire and Explosion Hazard Data

<b>Flash Point (Method Used)</b> None to boiling point (PMCC - est.)	<b>Flammable Limits</b> No Data	<b>LEL</b> No Data	<b>UEL</b> No Data
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**Extinguishing Media** - Not usually necessary as this product does not readily support combustion. Use an extinguishing agent appropriate for the fire's fuel source.

**Special Fire Fighting Procedures** - Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear SCBA in chemical fires.

### Unusual Fire and Explosion Hazards -

Contact with aluminum can generate flammable hydrogen gas.

**SECTION V - Reactivity Data**

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b> - None known.
	<b>Stable</b>	X	

**Incompatibility (Materials to Avoid)** - Strong acids, leather, wool, aluminum, tin, zinc, acrolein, acrylonitrile, chlorinated hydrocarbons, chlorine dioxide, maleic anhydride, nitroethane, nitroparaffins, 2-nitrophenol, nitropropane, phosphorus, potassium persulfate, and tetrahydrofuran, and oxidizers.

**Hazardous Decomposition or Byproducts** -

Carbon monoxide and dioxide, hydrogen, potassium oxide, soot and smoke.

<b>Hazardous Polymerization</b>	<b>May Occur</b>		<b>Conditions to Avoid</b> - None known
	<b>Will Not Occur</b>	X	

**SECTION VI - Health Hazard Data**

<b>Route(s) of Entry</b>	<b>Eyes?</b>	<b>Inhalation?</b>	<b>Skin?</b>	<b>Ingestion?</b>
	Yes	Yes	Yes	Yes

**Health Hazards (Acute and Chronic)** -

Danger. Corrosive. Contains potassium hydroxide. Causes eye and skin burns. May be harmful or fatal if swallowed. May be absorbed through intact skin. If inhaled, mist may irritate or burn respiratory tract. Follow good chemical hygiene practices to avoid these hazards when using this and other oven cleaner products.

<b>Carcinogenicity:</b>	<b>NTP?</b>	<b>IARC Monographs?</b>	<b>OSHA Regulated?</b>
None known	None known	None known	None known

**Signs and Symptoms of Exposure** - Redness, tearing, burning in eyes. Redness, drying, cracking or slick-feeling on skin. Nausea, dizziness, loss of coordination, or fatigue through inhalation.

**Medical Conditions Generally Aggravated by Exposure**

Pre-existing skin and lung disorders may be adversely affected if overexposure occurs. Use good chemical hygiene practices.

**Emergency and First Aid Procedures:** **Eyes** - Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. See a physician immediately. **Ingestion** - If conscious, rinse out mouth with water then drink plenty of water. Do not induce vomiting except under the direction of a physician. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. **Inhalation** - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **Skin** - Flush with plenty of water for at least 15 minutes. Call a physician.

**SECTION VII - Precautions for Safe Handling and Use**

**Steps to be Taken in Case Material is Released or Spilled** - Large spill - Isolate and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Caution, slip hazard. Dike to prevent spread. Vacuum or pick up with absorbent material. Place in suitable container. Small spill - Wipe up with cloth or towel to prevent falls. Clean up any residues.

**Waste Disposal Method** -

Consult local, state, and federal regulations. Triple rinse empty container then offer for recycling, reuse, or reconditioning.

**Precautions to be Taken in Handling and Storing** - Do not get in eyes, on skin or clothing. Do not inhale mists or vapors. Direct spray away from face. Do not swallow. Wash thoroughly after handling. Wash contaminated clothing before reuse. Avoid contact with clothing, floor tile, linoleum, painted surfaces, plastic, copper and aluminum. Do not use around ignition sources such as lit burners and pilot lights, sparks, etc.

**Other Precautions** -

Follow label directions carefully. Keep out of reach of children. Keep container tightly sealed when not in use. Do not contaminate water, food, or feed by use or storage. Do not deliberately concentrate and inhale vapors. Use with adequate ventilation. Cover and protect thermocouples, electrical connections, receptacles and glass objects such as viewing windows and light bulbs prior to use.

**SECTION VIII - Control Measures****Respiratory Protection (Specify Type)** -

Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

<b>Ventilation</b>	<b>Local Exhaust</b>	Not necessary	<b>Special</b>	None
	<b>Mechanical (General)</b>	Yes	<b>Other</b>	None

**Protective Gloves** -

Impervious (i.e. rubber, neoprene, etc.)

**Eye Protection** -

Yes. Use approved safety glassed or goggles. (ANSI Z87)

**Other Protective Clothing or Equipment** -

As needed to prevent direct contact, (i.e. apron, boots, etc.) as needed.

**Work/Hygienic Practices** -

Normal. Wash hands after use and before eating, drinking, smoking, using restrooms, etc.

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.