

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)

08320

Jelled Oven Cleaner

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

Manufacturer's Name ITW Dymon	Emergency Telephone Number 1-800-535-5053
Address (Number, Street, City, State, and ZIP Code) 805 East Old 56 Highway Olathe, Kansas 66061	Telephone Number for Information 1-913-397-9889
	Date Prepared May 3, 2002
	Signature of Preparer (Optional) 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	2 mg/m ³	2 mg/m ³		3 -7 %
Butoxydiglycol	112-34-5	Not estab.	Not estab.		5 -10 %
Isobutane	75-28-5	800 ppm	800 ppm		3 -7 %
Propane	74-98-6	1000 ppm	Asphyxiant		1 -5 %

* This product contains Butoxydiglycol (a glycol ether compound) which is listed and may require reporting under SARA Title III Sec. 313 if used over the threshold reporting quantity. This information must be included in all MSDSs that are copied and 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

Boiling Point Concentrate - Initial	212° F	Specific Gravity (H ₂ O = 1) Concentrate	1.054
Pressure (psig. @ 70° F)	58 ± 5	Melting Point	No Data
Vapor Density (AIR = 1)	Greater than one (1)	Evaporation Rate (Butyl Acetate = 1)	No Data
Solubility in Water	Complete	pH	13.5 ± 0.5
Appearance and Odor - Opaque tan gel with a lemon-lime scent in an aerosol can.		VOC's--This product contains 59.5 grams per liter or 8% by weight VOC's.	

SECTION IV - Fire and Explosion Hazard Data

USA Flame Projection Test (ASTM D-3065) 0", no flashback; Not flammable	Flammable Limits No Data	LEL No Data	UEL No Data
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Extinguishing Media -

Not usually necessary as this material does not readily support combustion. Use media appropriate for fire's fuel source.

Special Fire Fighting Procedures - Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers or public watercourses. Wear self-contained breathing apparatus in chemical fires.

Unusual Fire and Explosion Hazards -

Aerosol container (pressurized) may burst if heated over 120° F. Contents are corrosive, potassium hydroxide. Contact with aluminum or magnesium may generate flammable hydrogen gas.

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid - Extreme heat, direct sunlight
	Stable	X	

Incompatibility (Materials to Avoid) - Strong acids and oxidizing agents; aluminum, lead, tin, zinc and their alloys; leather and wool.

Hazardous Decomposition or Byproducts - Carbon dioxide, carbon monoxide, potassium oxide, sulfurous oxides, smoke, soot and various organic oxidation products.

Hazardous Polymerization	May Occur		Conditions to Avoid - None known
	Will Not Occur	X	

SECTION VI - Health Hazard Data

Route(s) of Entry	Eyes?	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes	Yes

Health Hazards (Acute and Chronic) - Danger. Corrosive, contains potassium hydroxide. Harmful or fatal if inhaled or swallowed. Causes eye and skin burns. Overexposure to mists or vapors may induce central nervous system effects or induce chemical pneumonia. Follow good chemical hygiene practices when using this and other alkaline cleaning products.

Carcinogenicity: None known	NTP? No, not listed	IARC Monographs? No, not listed	OSHA Regulated? No, not listed
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Signs and Symptoms of Exposure - Redness, tearing and burning in eyes. Redness, slick feeling, drying or cracking of skin. Irritation of nose, throat and digestive tract. Drowsiness, dizziness, fatigue or loss of coordination.

Medical Conditions Generally Aggravated by Exposure - Pre-existing skin, lung and kidney disorders may be adversely affected. Follow good chemical hygiene practices to avoid this hazard.

Emergency and First Aid Procedures: **Eyes** - Immediately flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get immediate emergency medical attention. **Ingestion** - Drink plenty of water. If available, drink several glasses of milk. Never give anything by mouth to an unconscious person. Do NOT induce vomiting unless instructed by a physician. 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 or until slick-feeling is gone. Call a physician if irritation arises and persists.

SECTION VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled - Caution, slip hazard. Wipe up small spills promptly avoiding any direct contact. For large spills, isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. If possible, neutralize carefully with citric or boric acid. Be careful, neutralize slowly or localized heating may cause material to spatter. Pick up on an absorbent material and put in a suitable container for proper disposal.

Waste Disposal Method - Consult local, state and federal regulations. Do not puncture or incinerate container. Replace cap on empty can, wrap, then discard container if allowed by applicable statutes.

Precautions to be Taken in Handling and Storing - Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Do not swallow. Launder contaminated clothing before reuse. Thoroughly rinse gloves before removing. Do not inhale mist or vapors. Store in a cool (under 120° F) dry location away from heat, sparks, open flame and direct sunlight. Use with adequate ventilation.

Other Precautions - Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Direct spray away from face. Replace cap when not in use. Do not use around ignition sources such as heat, sparks, open flame, etc. Do not puncture or incinerate container. Protect floor with newspapers. Cover lights, light fixtures and thermocouples inside oven. Do not allow cleaner to drip onto painted surfaces. Prolonged contact with glass may cause etching. Do not use on copper or aluminum. Be certain all pilot lights have been extinguished.

SECTION VIII - Control Measures

Respiratory Protection (Specify Type) - Not usually necessary. Use with adequate ventilation. If PELs or TLVs are exceeded (see Section II), use an approved NIOSH\MSHA respirator.

Ventilation	Local Exhaust	Acceptable	Special	None
	Mechanical (General)	Yes	Other	None

Protective Gloves - Yes, impervious **Eye Protection** - Yes, goggles or approved safety glasses (ANSI Z87)

Other Protective Clothing or Equipment -

Not usually necessary. If direct contact is possible, wear apron, boots, face shield, etc. as needed.

Work/Hygienic Practices - Normal. Wash thoroughly 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.