

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	2	REACTIVITY	0
FLAMMABILITY	1	PERSONAL PROTECTION	B

Identity (As Used on Label and List)
34001, 34025, 34005, 34094, 34035, 34055
All You Need Plus

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 April 3, 2000
	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	None	2 mg/m ³ (ceiling)		1 - 5 %

This product is not known to contain any compound in concentrations requiring reporting under SARA Title III Section 313.

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 Initial	212° F	Specific Gravity (H₂O = 1) @70° F	1.019
Vapor Pressure (mm-Hg @ 70° F)	No Data	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 ± 0.5

Appearance and Odor -
Clear orange liquid with a citrus scent.

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used) - None to boiling point (TCC-est.)	Flammable Limits No Data	LEL No Data	UEL No Data
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Extinguishing Media -
Not usually necessary as this product does not readily support combustion. Use media appropriate for 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 -
None known.

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid - Do not allow to freeze.
	Stable	X	

Incompatibility (Materials to Avoid) -

Strong oxidizers and acids; aluminum, tin, lead, zinc and their alloys, leather and wool.

Hazardous Decomposition or Byproducts -

Carbon dioxide, carbon monoxide, nitrous and potassium oxides, ammoniacal vapors 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	No	Yes	Yes

Health Hazards (Acute and Chronic) - Warning. Causes eye and skin irritation. Harmful if swallowed. May be harmful if inhaled. Repeated or prolonged occupational overexposures may lead to dermatitis. Follow good chemical hygiene practices when using this and other concentrated cleaning agents.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
None known	No	No	No

Signs and Symptoms of Exposure -

Redness, tearing, burning or blurred vision in eyes. Redness, drying or cracking skin. Swallowing may lead to nausea, lethargy, vomiting or diarrhea. Inhaling concentrated vapors may irritate the nose and throat.

Medical Conditions Generally Aggravated by Exposure -

Pre-existing skin conditions may be aggravated.

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. Never give anything by mouth to an unconscious person. Do not induce vomiting.

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. Remove and launder contaminated clothing before reuse. If irritation arises and persists, call a physician.

SECTION VII - Precautions for Safe Handling and Use**Steps to be Taken in Case Material is Released or Spilled -**

Pick up small spills promptly with a towel or other absorbent material. May present slip hazard. For large spills, isolate and ventilate area. Wear protective gear as necessary. Dike to prevent spread. Pick up with an absorbent or vacuum up for possible reuse. Put in suitable container for proper disposal. Thoroughly clean residues with water.

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. Wash thoroughly after handling. Do not swallow. Use with adequate ventilation. Protect from freezing.

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.

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.

Ventilation	Local Exhaust	Not usually needed	Special	None
	Mechanical (General)	Yes	Other	None

Protective Gloves -

Yes, impervious (i.e. butyl or nitrile)

Eye Protection -

Yes, goggles or approved safety glasses (ANSI Z87)

Other Protective Clothing or Equipment -

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

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 PROPER 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.