

Material Safety Data Sheet

HMIS^a

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

0

PERSONAL PROTECTION

B

Identity (As Used on Label and List)

16632, 16601, 16625, 16605, 16694, 16635, 16655
Foam

Power

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

Telephone Number for Information

1-913-397-9889

OLATHE, KANSAS 66061

Date Prepared

June 7, 2005

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.)

*Butoxyethanol

111-76-2

50 ppm (skin)

20 ppm (skin)

1 - 3

* This product contains Butoxyethanol (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

212° F

Specific Gravity (H₂O = 1)

@70° F

1.02

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

11.5 ± 0.5

Appearance and Odor - Clear green liquid with a spearmint scent

VOC's--This product contains 16.6 grams per liter or 1.6% by weight VOC's.

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

None to boiling point (PMCC)

Flammable Limits

No Data

LEL

No Data

UEL

No Data

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 -

As with any alkaline solution, contact with aluminum may liberate flammable hydrogen gas.

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid - Extreme heat (over 120° F)
	Stable	X	

Incompatibility (Materials to Avoid) -

Strong acids, oxidizing and reducing agents; aluminum, hydrogen peroxide, bromine and chromic acid.

Hazardous Decomposition or Byproducts -

Carbon dioxide, carbon monoxide, hydrogen 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	No	No

Health Hazards (Acute and Chronic) -

Warning. Harmful if inhaled. May cause eye and skin irritation. May be harmful if swallowed. May be harmful if absorbed through skin. Repeated or prolonged contact may cause dermatitis. Overexposure to concentrated vapors may induce central nervous system effects. Follow good chemical hygiene practices when using this and other alkaline cleaning compounds.

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

Prop 65 Warning: This product may contain trace chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Signs and Symptoms of Exposure -

Redness, tearing or burning in eyes. Redness, drying or cracking skin. Irritation of nose, throat or digestive tract. Swallowing may cause nausea, lethargy, dizziness, loss or coordination, vomiting or diarrhea.

Medical Conditions Generally Aggravated by Exposure -

Pre-existing skin, lung, blood or kidney disorders may be adversely affected.

Emergency and First Aid Procedures:

Eyes - Immediately flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get medical attention.

Ingestion - If swallowed, call a physician immediately. Do NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. Get medical attention. **Inhalation** - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **Skin** - Immediately flush with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. 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 - Caution, slip hazard. Wipe up small spills promptly with a towel, rag or other absorbent material. For large spills, isolate and ventilate area. Eliminate all ignition sources. Dike to prevent spread. Wear protective gear as necessary. Pick up with an absorbent or vacuum up for reuse. (Foams through vacuum equipment.) Put in suitable container for proper disposal.

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 -

Avoid inhaling mists or vapors. Avoid prolonged contact with eyes, skin and clothing. Wash thoroughly after handling. Do not taste or swallow. Use only with adequate ventilation, especially areas in contact with aluminum.

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.

Eye Protection -

Yes, goggles or approved safety glasses.

Other Protective Clothing or Equipment

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

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.