

# Material Safety Data Sheet

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

HMIS®

HEALTH

1

REACTIVITY

0

FLAMMABILITY

1

PERSONAL PROTECTION

None

**Identity** (As Used on Label and List)

38532, 38501, 38525, 38505, 38594, 38535, 38555

Clear Reflections

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**

800.535.5053

**Address (Number, Street, City, State, and ZIP Code)**

805 East Old 56 Highway

**Telephone Number for Information**

913.397.9889

Olathe, Kansas 66061

**Date Prepared**

October 4, 2001

**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.)**

Alcohol

64-17-5

1000 ppm

1000 ppm

1 - 5 %

\*Butoxyethanol (skin designation)

111-76-2

50 ppm

25 ppm

1 - 5 %

\* 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**

148° F

**Specific Gravity (H<sub>2</sub>O = 1)**

@70° F

0.989

**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**

8.5 ± 0.5

**Appearance and Odor -**

Clear light blue liquid with an alcohol and floral scent.

## SECTION IV - Fire and Explosion Hazard Data

**Flash Point (Method Used)**

142° F (TCC)

**Flammable Limits**

No Data

**LEL**

No Data

**UEL**

No Data

**Extinguishing Media -**

Use carbon dioxide, dry chemical, foam or fog.

**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 -**

Combustible liquid.

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**SECTION V - Reactivity Data**

|                  |                 |          |  |
|------------------|-----------------|----------|--|
| <b>Stability</b> | <b>Unstable</b> |          | <b>Conditions to Avoid</b> - Heat, sparks, open flames |
|                  | <b>Stable</b>   | <b>X</b> |  |

**Incompatibility (Materials to Avoid) -**

Strong alkalies and oxidizers.

**Hazardous Decomposition or Byproducts -**

Carbon dioxide, carbon monoxide, aldehydes, smoke and soot.

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

**SECTION VI - Health Hazard Data**

|                          |              |                    |              |                   |
|--------------------------|--------------|--------------------|--------------|-------------------|
| <b>Route(s) of Entry</b> | <b>Eyes?</b> | <b>Inhalation?</b> | <b>Skin?</b> | <b>Ingestion?</b> |
|                          | Yes          | No                 | Yes          | Yes               |

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

Caution. May cause eye and skin irritation. May cause respiratory tract irritation. Combustible liquid and vapor. May be harmful if swallowed. May be absorbed through intact skin. Repeated or prolonged skin contact may cause dermatitis. Follow good chemical hygiene practices to avoid these hazards.

|                         |             |                         |                        |
|-------------------------|-------------|-------------------------|------------------------|
| <b>Carcinogenicity:</b> | <b>NTP?</b> | <b>IARC Monographs?</b> | <b>OSHA Regulated?</b> |
| None known              | No          | No                      | No                     |

**Signs and Symptoms of Exposure -**

Redness, tearing and burning in eyes. Redness drying and cracking skin. Drowsiness, dizziness, fatigue, loss of coordination.

**Medical Conditions Generally Aggravated by Exposure -**

Pre-existing skin and renal conditions could be aggravated by overexposures.

**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** - 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. 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 with an absorbent material. For large spills, isolate and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Pick up with a vacuum or an absorbent material. Put in a 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 contact with eyes, skin and clothing. Wash thoroughly after handling. Store in a cool (under 120° F) dry location away from heat, sparks and open flame. Do not use around ignition sources such as heat, sparks, flame, etc. Do not smoke while using. Use with adequate ventilation.

**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 swallow. Avoid inhaling mist and vapors.

**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 usually needed | <b>Special</b> | None |
|                    | <b>Mechanical (General)</b> | Yes                | <b>Other</b>   | None |

**Protective Gloves -**

Not usually needed, avoid contact with liquid.

**Eye Protection -**

Not usually needed, avoid eye contact.

**Other Protective Clothing or Equipment -**

Not usually necessary. Avoid direct contact.

**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.