

# 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

2

REACTIVITY

0

FLAMMABILITY

0

PERSONAL PROTECTION

B

**Identity** (As Used on Label and List)  
**33732, 33701, 33725, 33755**  
**Asiduf foam**

*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

July 20, 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.)

\*Butoxyethanol

111-76-2

50 ppm (skin)

25 ppm (skin)

1 - 5 %

Sulfamic acid

5329-14-6

Not estab.

Not estab.

0.5-1.5%

\* This product contains 2-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 (H<sub>2</sub>O = 1)

@70° F

1.03

### 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

2.5 ± 0.5

### Appearance and Odor -

Clear light yellow liquid with a pine 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

### 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.

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**Unusual Fire and Explosion Hazards -**

None known.

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**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 alkalis, oxidizing and reducing agents; materials reactive with hydroxyl compounds, and reactive metals such as aluminum, magnesium.

**Hazardous Decomposition or Byproducts -**

Carbon dioxide, carbon monoxide, sulfur dioxide, sulfur trioxide, ammonia or various organic oxidation products.

|                                 |                       |   |   |
|---------------------------------|-----------------------|---|---|
| <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          | No                |

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

Warning. Harmful if inhaled. Causes eye and skin irritation. May be harmful if swallowed. May be absorbed through intact skin. Repeated or prolonged occupational overexposure may cause dermatitis or induce Painter's Syndrome.

|                         |             |                         |                        |
|-------------------------|-------------|-------------------------|------------------------|
| <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 or burning in eyes. Redness, drying or cracking skin. Irritation of nose or throat.

**Medical Conditions Generally Aggravated by Exposure -**

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

**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** - Do not induce vomiting. Rinse out mouth with water. 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. 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 rag or other 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 an absorbent material and 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 mist or vapors. Avoid contact with eyes, skin and clothing. Do not swallow. Wash thoroughly after handling.

**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.

|                    |                             |                    |                |      |
|--------------------|-----------------------------|--------------------|----------------|------|
| <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 -**

Yes, impervious.

**Eye Protection -**

Yes, goggles or approved safety glasses (ANSI Z87)

**Other Protective Clothing or Equipment -**

Not usually needed. If direct contact 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.