

Material Safety Data Sheet



HEALTH  
FLAMMABILITY

HMIS®

2 REACTIVITY 0  
0 PERSONAL PROTECTION B

Identity: Asiduf foam  
Formula: B337  
Part numbers: 33732, 33701, 33705, 33725, 33735, 33755

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 1: Company Identification**

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	International Emergency Telephone Number 1-352-323-3500  Telephone Number for Information 1-913-397-9889
	Signature of Preparer (Optional) Regulatory Dept.

**SECTION 2: Ingredients/Identity Information**

Components (Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	% (Opt.)
Water	7732-18-5	None	None		60 – 100%
2-Butoxyethanol (skin designation)	111-76-2	50 ppm	20 ppm		1 – 5%
Sulfamic Acid	5329-14-6	None	None		0.5 - 1.5%
Citric Acid	77-92-9	None	None		0.5 - 1.5%

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 3: Hazards Identification**

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

**Acute Health Hazards** - Warning. Causes eye and skin irritation. Harmful if inhaled. May be harmful if swallowed. May be absorbed through intact skin.

**Chronic Health Hazards** - Repeated or prolonged occupational overexposure may cause dermatitis or induce Painter's Syndrome.

**Carcinogenicity:**

Chemical:	OSHA:	NTP:	IARC:
None	No	No	No

**Signs and Symptoms of Exposure** - Redness, tearing or burning in eyes. Redness, drying or cracking skin. Irritation of nose or throat. Irritation of the throat or stomach, nausea, vomiting, and diarrhea if swallowed.

**Medical Conditions Generally Aggravated by Exposure** - Pre-existing blood, liver, kidney or skin disorders may be adversely affected.

**SECTION 4: 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 5: Fire Fighting Measures**

Flash Point (Method Used)	Flammable Limits	LEL	UEL
None to boiling point (PMCC)	No Data	No Data	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.

**Hazardous Products of Combustion-** Carbon dioxide, carbon monoxide, sulfur dioxide, sulfur trioxide, ammonia or various organic oxidation products.

**Unusual Fire and Explosion Hazards** - None known.

## SECTION 6: Accidental Release Measures

**Small Spill** - Caution, slip hazard. Wipe up small spills promptly with a dry absorbent cloth or other absorbent material.

**Large Spill** – For large spills, isolate and ventilate area. Wear protective gear as necessary. Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers or drains. Dike to prevent spread. Transfer contaminated material into suitable container for proper disposal.

## SECTION 7: Handling and Storage

**Handling** - Avoid inhaling mist or vapors. Avoid contact with eyes, skin and clothing. Do not swallow. Wash thoroughly after handling. Wash hands after use and before eating, drinking, smoking, using restrooms, etc.

**Storage** – 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 8: Exposure Controls / Personal Protection

**Eye Protection** – Yes, goggles or approved safety glasses (ANSI Z87).

**Skin Protection** – Yes, impervious.

**Respiratory Protections** – Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

**Engineering Controls** – Ventilation not usually necessary but should be provided in the event of overexposure.

## SECTION 9: Physical and Chemical Properties

<b>Appearance and Odor:</b>	Clear light yellow liquid with a pine scent.
<b>PH</b>	1.3 ± 0.5
<b>Specific Gravity (70°F)</b>	1.011
<b>Boiling Point:</b>	212° F
<b>Melting Point:</b>	No Data
<b>Evaporation Rate (Butyl Acetate = 1)</b>	No Data
<b>Vapor Pressure (mm-Hg @ 70°F)</b>	No Data
<b>Vapor Density (AIR = 1)</b>	> 1
<b>Solubility in Water</b>	Complete
<b>Volatile Organic Compounds (VOCs)</b>	30.5 grams per liter or 3% by weight VOCs.

## SECTION 10: Stability and Reactivity

**Hazardous Polymerization** – This product will not undergo hazardous polymerization.

**Hazardous Decomposition or Byproducts** – Carbon dioxide, carbon monoxide, sulfur dioxide, sulfur trioxide, ammonia or various organic oxidation products.

**Chemical Stability** - Stable

**Incompatibility (Materials to Avoid)** - Strong alkalis, oxidizing and reducing agents; materials reactive with hydroxyl compounds, and reactive metals such as aluminum, magnesium.

## SECTION 11: Toxicological Information

No Data

## SECTION 12: Ecological Information

No Data

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**SECTION 13: Disposal Consideration**

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**Disposal Method** - Dispose of in accordance with all applicable local, state, and federal regulations.

**RCRA Waste Information** – If this product becomes a waste, it would be a hazardous waste (D002) as defined by RCRA (40 CFR 261). However the waste should be properly characterized to evaluate whether its composition has been modified prior to disposal.

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**SECTION 14: Transport Information**

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**DOT Information – 49 CFR 172.101**

**Quarts/Gallons**

**Proper Shipping Description:** Consumer commodity

**Hazard Class:** ORM-D

**Identification Number:** None

**Packing Group:** None

**Bulk Material**

**Proper Shipping Description:** Compound, cleaning liquid, (Amidosulfonic acid, Citric acid)

**Hazard Class:** 8

**Identification Number:** UN 1760

**Packing Group:** III

**Air Transportation:**

**Proper Shipping Description:** Corrosive liquid, N.O.S., (Amidosulfonic acid, Citric acid)

**Hazard Class:** 8

**Identification Number:** UN 1760

**Packing Group:** III

**Marine Pollutants:** None

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**SECTION 15: Regulatory Information**

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**US Federal Regulations:**

**TSCA (Toxic Substances Control Act) Status**

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

**CERCLA RQ – 40 CFR 302.4 (a)**

None Listed

**SARA 313 Components – 40 CFR 372.65**

2-Butoxyethanol (CAS 111-76-2) – 3%

**State and Local Regulations:**

**California Proposition 65**

None

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**Section 16: Additional Information**

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**Date Prepared:**

**Rev. 2 – 09/05/06**

**Rev. 1 - 03/28/06**

**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.

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