

Material Safety Data Sheet



HEALTH
FLAMMABILITY

HMIS®

1 REACTIVITY 0
0 PERSONAL PROTECTION A

Identity: Liquid Alive Bio-Scrub
Formula: B335
Part numbers: 33532

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 | | 30 – 60% |
| Calcium Carbonate (Dust) | 1317-65-3 | 5 mg/m ³ | 10 mg/m ³ | | 30 – 60% |

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 | No | No | Yes |

Acute Health Hazards - Warning. Causes eye irritation. May cause skin irritation. Follow good chemical hygiene practices when using this and other cleaning compounds.

Chronic Health Hazards - Repeated or prolonged contact may dry the skin leading to dermatitis.

Carcinogenicity:

| | | | |
|-------------------|-------------|------------|-------------|
| Chemical: None | OSHA: No | NTP: No | IARC: No |
|-------------------|-------------|------------|-------------|

Signs and Symptoms of Exposure - Redness, tearing or burning in eyes. Irritation of the skin.

Medical Conditions Generally Aggravated by Exposure - Pre-existing skin conditions could be aggravated.

SECTION 4: Emergency and First Aid Procedures:

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

Ingestion - Drink plenty of water, then call a physician or poison control center. Do not induce vomiting unless directed by a physician. Never give anything by mouth to an unconscious person.

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 while removing contaminated clothing. If irritation arises and persists, call a physician. Launder contaminated clothing and shoes before reuse.

SECTION 5: Fire Fighting Measures

| | | | |
|---|-----------------------------|----------------|----------------|
| 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 such as carbon dioxide, dry chemical, foam, fog, etc.

Special Fire Fighting Procedures - Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear self-contained breathing apparatus (SCBA) in chemical fires.

Hazardous Products of Combustion- Carbon dioxide, carbon monoxide, sulfur dioxide, hydrogen sulfide and nitrogen oxides.

Unusual Fire and Explosion Hazards - High pressure water may cause excessive foaming.

SECTION 6: Accidental Release Measures

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

Large Spill – Wear protective gear if necessary. Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers or drains. Ventilate area and block traffic. Transfer contaminated material into suitable container for proper disposal.

SECTION 7: Handling and Storage

Handling - Avoid contact with eyes, skin and clothing. Avoid contact with open wounds. Wash thoroughly after handling. Do not swallow. Use with adequate ventilation.

Storage – Follow label directions carefully. Keep out of reach of children. Store in a cool well ventilated area. 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, approved safety glasses or goggles (ANSI Z87).

Skin Protection – Not usually necessary. Only needed if direct contact is possible.

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

| | |
|---|--|
| Appearance and Odor: | Opaque white liquid emulsion with a sweet spicy scent. |
| PH | 9.5 ± 0.5 |
| Specific Gravity (70°F) | 1.415 |
| Boiling Point: | 212° F |
| Melting Point: | No Data |
| Evaporation Rate (Butyl Acetate = 1) | No Data |
| Vapor Pressure (mm-Hg @ 70°F) | No Data |
| Vapor Density (AIR = 1) | No Data |
| Solubility in Water | Soluble |
| Volatile Organic Compounds (VOCs) | 0 grams per liter or 0% 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, hydrogen sulfide and nitrogen oxides.

Chemical Stability - Stable

Incompatibility (Materials to Avoid) - Strong oxidizers and acids.

SECTION 11: Toxicological Information

No Data

SECTION 12: Ecological Information

No Data

SECTION 13: Disposal Consideration

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 not be a hazardous waste 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.

SECTION 14: Transport Information

DOT Information – 49 CFR 172.101

Proper Shipping Description: Not Regulated

Hazard Class: None

Identification Number: None

Packing Group: None

Water Transportation:

Proper Shipping Description: Not Regulated

Hazard Class: None

Identification Number: None

Packing Group: None

Air Transportation:

Proper Shipping Description: Not Regulated

Hazard Class: None

Identification Number: None

Packing Group: None

Marine Pollutants: None

SECTION 15: Regulatory Information

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

None

State and Local Regulations:**California Proposition 65**

None

Section 16: Additional Information

Date Prepared:

Rev. 2 – 09/05/06

Rev. 1 - 06/13/06

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.

