

Section 1 – Product and Company Identification

Product(s): **Liquid Alive® Enzyme Digestant Carpet Spot & Textile Cleaner**
Formula: A334
Part Number(s): 33420

Company Name & Address: 
805 E. Old 56 Hwy.
Olathe, KS 66061
800-443-9536 (8 a.m. – 5 p.m. Weekdays, CDT)

Emergency Numbers: **IN CASE OF EMERGENCY, CALL Infotrac @ 1-800-535-5053, 24 hrs.**
INTERNATIONAL EMERGENCY NUMBER 352-323-3500
Poison Control Center: 1-800-222-1222

Material Safety Data Sheets: www.dymon.com

Section 2 – Hazards Identification

WARNING. Aspiration hazard. Harmful or fatal if swallowed. May cause eye and skin irritation. May cause respiratory tract irritation. Contents under pressure. Toxic by ingestion.

Potential Health Effects

EYES: May cause eye irritation.

SKIN: May cause skin irritation.

INHALATION: May cause respiratory tract irritation.

INGESTION: Aspiration hazard – toxic by ingestion.

Signs/symptoms of exposure: redness, tearing or burning in eyes. Drying and cracking of skin. Nose, throat, and airway irritation. Narcotic effects possible with inadequate ventilation. Aspiration hazard. Medical conditions generally aggravated by exposure: pre-existing skin conditions and lung disorders may be adversely affected. Follow good chemical hygiene practices to avoid these hazards.

HMIS Rating Health – 1 Flammability – 3 Reactivity – 0 Personal Protection – B

Section 3 – Composition/Information on Ingredients

| Ingredient | CAS Number | Percent Range |
|---|------------|---------------|
| Water | 7732-18-5 | 60 – 100 |
| Isobutane | 75-28-5 | 3 – 7 |
| Aliphatic Hydrotreated Naphthenic Petroleum | | |
| Distillates | 64742-89-8 | 3 – 7 |
| Methanol | 67-56-1 | 1 – 5 |
| Propane | 74-98-6 | 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 4 – First Aid Measures

EYES: Flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Seek medical attention immediately.

SKIN: Wash with soap and water. If irritation arises and persists seek medical attention.

INHALATION: Move to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.

INGESTION: If a large quantity of liquid is swallowed, do not induce vomiting, call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Section 5 – Fire Fighting Measures

Flashpoint (PMCC): 68° F
Extinguishing Media: Carbon dioxide, dry chemical, foam or water fog.
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: Oxides of carbon.

Section 6 – Accidental Release Measures

Small spill: Wipe up small releases with a dry absorbent cloth or other absorbent material.
Large spill: Ventilate area and block traffic. Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers and drains. Transfer contaminated material into suitable container for proper disposal.

Section 7 – Handling and Storage

Handling: Do not get into eyes. Wash thoroughly after handling. Avoid contact with skin and clothing. Avoid inhaling mists or vapors. Do not swallow. Use only with adequate ventilation. Do not deliberately concentrate and inhale vapors. Do not use around ignition sources such as heat, sparks, open flame, etc. Aspiration hazard – contains petroleum distillates. Direct spray away from face. Spray can in upright position only. Follow good chemical hygiene practices when handling this material. Use from original container only and follow label directions carefully.
Storage: Keep away from heat, sparks, open flame and direct sunlight. Store in a cool (less than 120° F) well-ventilated area. Keep out of reach of children. Do not contaminate water, food or feed by use or storage. Do not puncture or incinerate container. Replace cap when not in use.

Section 8 – Exposure Controls/Personal Protection

Engineering controls: Ventilation not usually necessary but should be provided in the event of overexposure.
Exposure limits: Isobutane (CAS# 75-28-5)=800 ppm OSHA; 800 ppm ACGIH
 Petroleum Distillates (CAS# 64742-89-8)=5 mg/m3 OSHA; 5 mg/m3 ACGIH – mist
 Methanol (CAS# 67-56-1)=200 ppm OSHA; 200 ppm ACGIH (skin designation)
 Propane (CAS# 74-98-6)=1000 ppm OSHA; Asphyxiant ACGIH
Eye protection: Yes, wear approved safety glasses or goggles if direct contact is possible.
Skin protection: Yes, wear impervious gloves if direct contact is possible.
Respiratory protection: Not usually necessary. If vapors are present or irritation is experienced, use NIOSH/MSHA approved respirator.

Section 9 – Physical and Chemical Properties

Appearance and Odor: White liquid with a neutral odor.
pH: 10.0
Vapor Density: >1
Pressure: 115 psig
Boiling Point: 203° F
Flame Projection: None
Volatile Organic Compounds (VOCs): 19.28 % by weight
Specific Gravity: 0.978
Solubility in Water: Miscible

Section 10 – Stability and Reactivity

Hazardous Polymerization: This product will not undergo hazardous polymerization.
Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide.
Chemical Stability: Stable
Incompatible Materials: Strong oxidizers and acids, selected amines.

Section 11 – Toxicological Information

Petroleum Distillates, CAS #64742-89-8
 Dermal LD50 4000 mg/kg rat, Oral LD50 8000 mg/kg rat, Inhalation LC50 3400 ppm, 4 hr rat

Section 12 – Ecological Information

No data.

Section 13 – Disposal Considerations

Dispose of in accordance with all applicable local, state, and federal regulations.

Waste information: If this product becomes a waste, it would be considered a hazardous waste(D001) as defined by RCRA (40CFR261). However the waste should be properly evaluated in case of modification prior to disposal.

Section 14 – Transport Information

The following transportation information is based on Department of Transportation Regulations found in 49 CFR. If shipping this product by air please refer to International Air Transport Association (IATA) Dangerous Goods Regulations. If shipping this product by ocean please refer to International Maritime Dangerous Goods Regulations (IMDG). To find how to ship this product please refer to the UN# listed below.

| | UN # | Proper Shipping Description | Hazard Class | Packing Group |
|-----------------|------|-----------------------------|--------------|---------------|
| DOT Information | None | Consumer Commodity | ORM-D | None |

Marine Pollutants: None

Section 15 – Regulatory Information

US Federal Regulations

Toxic Substances Control Act (TSCA): All ingredients are on the TSCA inventory or exempt from listing.

CERCLA RQ

None

SARA 313 Components

Methanol 2.25%

State and Local Regulations

California Proposition 65

None

Section 16 – Other Information

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.