

SAFETY DATA SHEET

DeMite Laundry Additive

Prepared according to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union REACH Regulations

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

1.1 PRODUCT NAME:	DeMite Laundry Additive
1.2 PRODUCT USE:	Laundry additive
PRODUCT DESCRIPTION:	Improves removal of dust mite allergens.
CAS#	Mixture
1.3 MANUFACTURER'S NAME:	Allerpet, Inc.
ADDRESS:	990 Peachtree Industrial Blvd. #2057, Suwanee, GA 30024
EMERGENCY PHONE:	1-800-424-9300 (Chemtrec 24 Hr)
BUSINESS PHONE:	1-212-861-1134 (Product Information)
WEB SITE INFORMATION:	www.demite.com
1.5 DATE OF PREPARATION:	March 22, 2024
DATE OF PRIOR REVISION:	July 21, 2019

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This product is a clear light-yellow viscous liquid with a slight mint odor.
HEALTH HAZARDS: May cause eye and skin irritation. May be harmful if swallowed. Avoid contact with eyes. Avoid breathing mist. Wash thoroughly after handling.
FLAMMABILITY: This product is classified as a Non-Flammable liquid. Flashpoint: >93°C (>200°F)
ENVIRONMENTAL EFFECTS: The Environmental effects of this product have not been investigated. This product does contain ingredients that may have an adverse effect to the environment.

2.1 GHS LABELING AND CLASSIFICATION:

This product meets the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 and regulation (EU) No. 2020/878 and regulation (EC) No. 1272/2008.

Components Contributing to Hazard:

Hexylene Glycol, Benzyl Benzoate

2.2 LABEL ELEMENTS:

GHS Hazard Symbol(s)



Signal Word: **Warning!**

GHS Hazard Classification(s):

Acute Oral Toxicity Category 4
Skin Irritant Category 2
Eye Irritant Category 2A
Chronic Aquatic Toxicity Category 2

Hazard Statement(s):

H302: Harmful if swallowed
H315: Causes skin irritation
H319: Causes serious eye irritation
H411: Toxic to aquatic life with long lasting effects

Prevention Statement(s):

P264: Wash skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P273: Avoid release to the environment.
P280: Wear protective gloves/eye protection/face protection.

Response Statement(s):

P302+P352: IF ON SKIN: Wash with plenty of water.
P321: Specific treatment (See Section 4 of this SDS).
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.

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P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P330: Rinse mouth.

P391: Collect spillage.

Storage Statement(s):

None applicable.

Disposal Statement(s):

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 OTHER HAZARDS:

Mixture does not meet the criteria for PBT or vPvB in accordance with Annex XIII.

Endocrine Disruptor Information: This product does not contain chemicals on the Candidate List of substances of very high concern for Authorisation.

SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	INDEX #	WT %	GHS CLASSIFICATION
Hexylene Glycol	107-41-5	203-489-0	603-053-00-3	10 - 30%	SKIN IRRIT. CAT 2, EYE IRRIT. CAT 2
Benzyl Benzoate	120-51-4	204-402-9	607-085-00-9	10 - 30%	ACUTE TOX. CAT 4 (ORAL) AQUATIC CHRON CAT 2
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).					

Actual concentrations are considered trade secret.

SECTION 4 - FIRST-AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES:

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label, bill of lading and/or MSDS to health professional with contaminated individual.

EYE CONTACT: If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Remove contact lenses if worn. Seek medical attention if irritation persists.

SKIN CONTACT: Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder before re-use.

INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.

INGESTION: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or MSDS with the victim to the health professional.

4.2 MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing eye, skin or respiratory problems may be aggravated by prolonged contact.

4.3 RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and reduce over-exposure.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: >93°C (>200°F) ASTM D-92

AUTOIGNITION TEMPERATURE: Not Established

FLAMMABLE LIMITS (in air by volume, %): Lower (LEL): Not Available Upper (UEL): Not Available

FIRE EXTINGUISHING MATERIALS: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustion may produce noxious and irritating gases which require fresh air source in firefighting.

Explosion Sensitivity to Mechanical Impact: Not Sensitive.

Explosion Sensitivity to Static Discharge: Not Sensitive

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SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

See section 8.2 for Exposure Controls.

6.2 ENVIRONMENTAL PRECAUTIONS:

None known

6.3 SPILL AND LEAK RESPONSE: Personnel should be trained for spill response operations. Contain spill if safe to do so. Product may create a slip hazard if not cleaned up. Prevent entry into drains, sewers, and other waterways. Soak up with an absorbent material and place in an appropriate container for disposal. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

SECTION 7 - HANDLING and STORAGE

7.1 WORK PRACTICES AND HYGIENE PRACTICES: As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors/mists generated by this product. Use in a well-ventilated location.

7.2 STORAGE AND HANDLING PRACTICES: Store containers in a cool, dry location. Keep container tightly closed when not in use. Protect from physical damage.

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

8.1 EXPOSURE PARAMETERS:

EXPOSURE LIMITS/GUIDELINES:

Chemical Name	CAS#	ACGIH TWA	OSHA TWA
Hexylene Glycol	107-41-5	25 ppm	25 ppm / 125 mg/m ³ (cal)
Benzyl Benzoate	120-51-4	Not Listed	Not Listed

8.2 EXPOSURE CONTROLS:

Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne vapor. Ensure eyewash/safety shower stations are available near areas where this product is used.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Not normally required. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Safety glasses or chemical goggles as appropriate to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

SKIN PROTECTION: Not normally required when using this product. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

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SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE:	Liquid
APPEARANCE & ODOR:	This product is a clear light-yellow viscous liquid with a slight mint odor.
ODOR THRESHOLD (PPM):	Slight
VAPOR PRESSURE (mmHg):	No Data Available
VAPOR DENSITY (AIR=1):	No Data Available
EVAPORATION RATE (nBuAc = 1):	No Data Available
BOILING POINT (C°):	No Data Available
MELTING POINT (C°):	No Data Available
pH:	5.80
SPECIFIC GRAVITY:	1.047 at 25°C
DENSITY:	No Data Available
SOLUBILITY IN WATER (%):	Dispersible
VISCOSITY:	50 cps (LVT, Sp#1 @ 30 rpm) at 25°C

9.2.1 INFORMATION WITH REGARD TO PHYSICAL HAZARD CLASSES:

EXPLOSIVES:	No Data Available
FLAMMABLE GASES:	No Data Available
AEROSOLS:	No Data Available
OXIDISING GASES:	No Data Available
GASES UNDER PRESSURE:	No Data Available
FLAMMABLE LIQUIDS:	No Data Available
FLAMMABLE SOLIDS:	No Data Available
SELF-REACTIVE SUBSTANCES AND MIXTURES:	No Data Available
PYROPHORIC LIQUIDS:	No Data Available
PYROPHORIC SOLIDS:	No Data Available
SELF-HEATING SUBSTANCES AND MIXTURES:	No Data Available
SUBSTANCES AND MIXTURES, WHICH EMIT FLAMMABLE GASES IN CONTACT WITH WATER:	No Data Available
OXIDISING LIQUID:	No Data Available
OXIDISING SOLID:	No Data Available
ORGANIC PEROXIDES:	No Data Available
CORROSIVE TO METALS:	No Data Available
DESENSITISED EXPLOSIVES:	No Data Available
GASES UNDER PRESSURE:	No Data Available

9.2.2 OTHER SAFETY CHARACTERISTICS MECHANICAL SENSITIVITY:

SELF-ACCELERATING POLYMERISATION TEMPERATURE:	No Data Available
FORMATION OF EXPLOSIBLE DUST/AIR MIXTURES:	No Data Available
ACID/ALKALINE RESERVE:	No Data Available
EVAPORATION RATE:	No Data Available
MISCIBILITY:	No Data Available
CONDUCTIVITY:	No Data Available
CORROSIVENESS:	No Data Available
GAS GROUP:	No Data Available
REDOX POTENTIAL:	No Data Available
RADICAL FORMATION POTENTIAL:	No Data Available
PHOTOCATALYTIC PROPERTIES:	No Data Available

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SECTION 10 - STABILITY and REACTIVITY

10.1 REACTIVITY: This product is not reactive

10.2 STABILITY: Product is stable

10.3 HAZARDOUS POLYMERIZATION: Will not occur.

10.4 CONDITIONS TO AVOID: Contact with incompatible materials.

10.5 MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Strong oxidizers and acids.

10.6 DECOMPOSITION PRODUCTS: When heated to decomposition this product produces carbon dioxide and carbon monoxide and other toxic gases.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 TOXICITY DATA: Toxicity data is not available for mixture: Information given is based on data on the components and toxicology of similar products.

CAS# 107-41-5: Oral LD50 Rat = >4,000 mg/kg
Dermal LD50 Rabbit = 7,892 mg/kg

CAS# 120-51-4: Oral LD50 Rabbit = 1,680 mg/kg

Acute toxicity	Acute Toxicity Category 4 (Oral)
Skin corrosion / irritation	Skin Irritation Category 2
Serious eye damage / irritation	Eye Irritation Category 2a
Respiratory or skin sensitization	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met

SUSPECTED CANCER AGENT: This product does not contain an ingredient(s) that are found on one or more of the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore is not considered to be, or suspected to be a cancer-causing agent by these agencies.

REPRODUCTIVE TOXICITY INFORMATION: No information concerning the effects of this product and its components on the human reproductive system.

OTHER INFORMATION:

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ACUTE:

EYE: Contact with eyes will cause irritation with tearing, or burning of the eyes.

SKIN: Skin exposure may cause irritation.

INHALATION: Inhalation of mist may cause irritation to mucous membranes and respiratory tract.

INGESTION: Ingestion can cause irritation of the digestive tract with possible nausea, vomiting or diarrhea.

CHRONIC: None known

11.2 INFORMATION ON OTHER HAZARD CLASSES WHICH RELATES TO ENDOCRINE DISRUPTING PROPERTIES:

No specific data available for this product.

SECTION 12 - ECOLOGICAL INFORMATION

12.1 TOXICITY:

No information is currently available on this product's effects on aquatic life. This product does contain ingredients that may have an adverse long-term effect in the aquatic environment.

12.2 PERSISTENCE AND DEGRADABILITY:

No specific data available on this product.

12.3 BIOACCUMULATIVE POTENTIAL:

No specific data available on this product.

12.4 MOBILITY IN SOIL:

No specific data available on this product.

12.5 RESULTS OF PBT AND vPvB ASSESSMENT:

No specific data available on this product.

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12.6 ENDOCRINE DISRUPTING PROPERTIES:

No specific data available on this product.

12.7 OTHER ADVERSE EFFECTS:

No specific data available on this product.

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

12.8 WATER ENDANGERMENT CLASS:

Water endangering in accordance with EU Guideline 91/155-EWG. Not determined

SECTION 13 - DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

SECTION 14 - TRANSPORTATION INFORMATION

US DOT; IATA; IMO; ADR:

THIS PRODUCT IS HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

NOTE: This product in quantities less than 119 gallons (Non-bulk) can ship as non-regulated material when shipped domestically within the United States.

Bulk Shipments:

PROPER SHIPPING NAME: Environmentally hazardous substance, liquid, n.o.s. (Contains Benzyl Benzoate)

HAZARD CLASS NUMBER and DESCRIPTION: Class 9, Environmentally hazardous substance

UN IDENTIFICATION NUMBER: UN3082

PACKING GROUP: PGIII

DOT LABEL(S) REQUIRED: Environmentally hazardous substance

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2016): 171

MARINE POLLUTANT: One or more of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B) or meet the definition of toxic to the aquatic environment.

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:

This product is classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

This product is classified as Dangerous Goods, by rules of IATA.

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):

This product is classified by the United Nations Economic Commission for Europe to be dangerous goods.

SECTION 15 - REGULATORY INFORMATION

15.1 UNITED STATES REGULATIONS

SARA REPORTING REQUIREMENTS: This product components are subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: None

TSCA: All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

Acute Health: Yes Chronic Health: No Fire: No Reactivity: No

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for this product.

The default Federal SDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product does not contain ingredient(s) which are on the California Proposition 65 lists.

15.2 CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: All of the components of this product are on the DSL Inventory

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This product is classified per WHMIS 2015.

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15.3 EUROPEAN ECONOMIC COMMUNITY INFORMATION:

EU LABELING AND CLASSIFICATION:

Classification of the mixture according to Regulation (EC) No1272/2008. See section 2 for details.

15.4 AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: All components of this product are listed or exempt on the AICS.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

15.5 JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

15.6 INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac:	Listed
Australian Inventory of Chemical Substances (AICS):	Listed
Korean Existing Chemicals List (ECL):	Listed
Japanese Existing National Inventory of Chemical Substances (ENCS):	Listed
Philippines Inventory of Chemicals and Chemical Substances (PICCS):	Listed
Swiss Giftliste List of Toxic Substances:	Listed
U.S. TSCA:	Listed

SECTION 16 - OTHER INFORMATION

HMIS Rating (Scale 0-4) Health hazard: 1 Flammability: 1 Physical Hazard: 0	NFPA Rating (Scale 0-4) Health hazard: 1 Flammability: 1 Physical Hazard: 0
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Abbreviations and acronyms

ACGIH	<i>American Conference of Governmental Industrial Hygienists</i>
CFR	<i>Code of Federal Regulations</i>
DOT	<i>Federal Department of Transportation</i>
GHS	<i>The Globally Harmonized System of Classification and Labelling of Chemicals</i>
HMIS	<i>Hazardous Material Identification System</i>
HCS	<i>Hazard Communication Standard</i>
IARC	<i>International Agency for Research on Cancer</i>
IATA	<i>The International Air Transport Association</i>
ICAO	<i>The International Civil Aviation Organization</i>
IMDG	<i>International Maritime Dangerous Goods</i>
IMO	<i>International Maritime Organization</i>
LD50/LC50	<i>Lethal Concentration/Dose, 50 percent</i>
NFPA	<i>National Fire Protection Association</i>
NIOSH	<i>National Institute for Occupational Safety and Health</i>
NTP	<i>National Toxicology Program</i>
OSHA	<i>Occupational Safety and Health</i>
PEL	<i>Permissible Exposure Limit</i>
SARA	<i>Superfund Amendments and Reauthorization Act</i>
TLV	<i>ACGIH Threshold Limit Value</i>
TWA	<i>Time-Weighted Average</i>

Prepared By: Chris Eigbrett

MSDS to GHS Compliance
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REVISION HISTORY

March 22, 2024

- SDS Review / Update

END OF SDS SHEET