

SAFETY DATA SHEET

Allerpet 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

PRODUCT NAME: **Allerpet DeMite Laundry Additive**
PRODUCT USE: Laundry additive
PRODUCT DESCRIPTION: Improves removal of dust mite allergens.
CAS#: Mixture
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/demite/
DATE OF PREPARATION: August 27, 2014
DATE OF LAST REVISION: New

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.

US DOT SYMBOLS

CANADA (WHMIS) SYMBOLS

EUROPEAN and (GHS) Hazard Symbols

See Section 14 for Details



Signal Word: **Warning!**

EU LABELING AND CLASSIFICATION:

Classification of the substance or mixture according to Regulation (EC) No1272/2008 Annex 1

EC# 247-556-2 This substance is not classified in the Annex I of Directive 67/548/EEC

EC# 204-402-9 Annex I Index# 607-085-00-9

EC# 500-195-7 This substance is not classified in the Annex I of Directive 67/548/EEC

Substances not listed either individually or in group entries must be self classified

Components Contributing to Hazard:

Mono Isopropylamine Dodecylbenzene Sulfonate, Benzyl Benzoate

GHS Hazard Classification(s):

Eye Irritant Category 2B

Acute Oral Toxicity Category 4

Chronic Aquatic Toxicity Category 2

Hazard Statement(s):

H302: Harmful if swallowed

H320: Causes eye irritation

H411: Toxic to aquatic life with long lasting effects

Precautionary Statement(s):

P264: Wash hands thoroughly after handling

P270: Do not eat, drink or smoke when using this product

P273: Avoid release to the environment

EU HAZARD CLASSIFICATION PER DIRECTIVE 1999/45/EC:

[Xn] Harmful, [Xi] Irritant, [N] Dangerous to the Environment

Risk Phrases:

R22: Harmful if swallowed

R36: Irritating to eyes

R51/53: Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Safety Phrases:

S2: Keep out of the reach of children

S25: Avoid contact with eyes

S46: If swallowed, seek medical advice immediately and show container or label

S61: Avoid release to the environment

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HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ACUTE:

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

SKIN: No significant adverse health effects are expected to occur upon short-term exposure. Repeated or prolonged 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

TARGET ORGANS: ACUTE: Eye, Respiratory System

CHRONIC: None known

SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	ICSC #	WT %	HAZARD CLASSIFICATION; RISK PHRASES
Mono Isopropylamine Dodecylbenzene Sulfonate	26264-05-1	247-556-2	Not Listed	45 – 55%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Benzyl Benzoate	120-51-4	204-402-9	0390	25 – 35%	HAZARD CLASSIFICATION: [Xn] Harmful, [N] Dangerous to the Environment RISK PHRASES: R22, R51/53
Alcohols, C12-15, ethoxylated	68131-39-5	500-195-7	Not Listed	15 – 25%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).					

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard *JIS Z 7250: 2000*.

SECTION 4 - 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.

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

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 fire fighting.

Explosion Sensitivity to Mechanical Impact: Not Sensitive.

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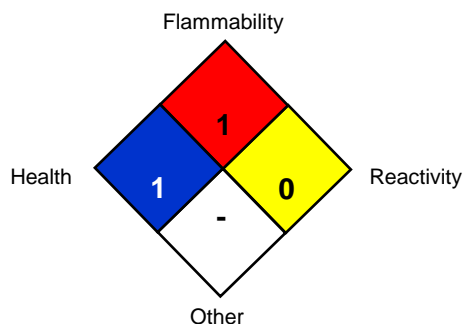
Explosion Sensitivity to Static Discharge:

Not Sensitive



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.

NFPA RATING SYSTEM



HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			1
FLAMMABILITY HAZARD (RED)			1
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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

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.

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

EXPOSURE LIMITS/GUIDELINES:

Chemical Name	CAS#	ACGIH TWA	OSHA TWA	SWA
Mono Isopropylamine Dodecylbenzene Sulfonate	26264-05-1	Not Listed	Not Listed	Not Listed
Benzyl Benzoate	120-51-4	Not Listed	Not Listed	Not Listed
Alcohols, C12-15, ethoxylated	68131-39-5	Not Listed	Not Listed	Not Listed

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.

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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.

SECTION 9 - 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:	1.0522 at 25°C
DENSITY:	No Data Available
SOLUBILITY IN WATER (%):	Dispersible

SECTION 10 - STABILITY and REACTIVITY

STABILITY: Product is stable

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

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

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Contact with incompatible materials.

SECTION 11 - TOXICOLOGICAL INFORMATION

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

CAS# 26264-05-1

Acute Oral LD50 Rat:= 5,000 mg/kg

CAS# 120-51-4

Acute oral LD50 Rabbit:= 1,680 mg/kg

CAS# 68131-39-5

Acute Oral LD50 Rat: = 1,200 mg/kg

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.

IRRITANCY OF PRODUCT: Contact with this product can be irritating to exposed eyes.

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

ADDITIONAL INFORMATION: No additional information available at this time.

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SECTION 12 - ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

ENVIRONMENTAL STABILITY: No information is currently available on this product's environmental stability.

EFFECT OF MATERIAL ON PLANTS or ANIMALS: No information is currently available on this product's effects on aquatic life.

EFFECT OF CHEMICAL ON AQUATIC LIFE: 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.

Alcohols, C12-15, Ethoxylated CAS# 68131-39-5:

Aquatic toxicity: LC50 (96 hr) 2.7 mg/l Fathead minnow

EC50 (48 hr) 0.4 – 0.75 mg/l Daphnia

EC50 (96 hr) 0.9 mg/l Algae

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 Alkylbenzene Sulfonate)

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 (2012): 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

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 MSDS 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.

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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 categorized as Class D Division 2 Materials having other toxic effects, as per the Controlled Product Regulations

EUROPEAN ECONOMIC COMMUNITY INFORMATION:

EU LABELING AND CLASSIFICATION:

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

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.

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.

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

Prepared By: Paul Eigbrett
Approval Date: August 27, 2014

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