

Safety Data Sheet: Allivex 16oz. Germal-X Plus Antibacterial Preservative

Revision Date: 07/16/18

Section 1: Identification

- Product Name: Allivex Liquid Germal-X Plus Antibacterial Preservative
- Synonyms: Phenoxyethanol, Caprylyl Glycol and Sorbic Acid.
- Chemical Family: Mixture
- Recommended Use: As an antibacterial agent in the manufacture of creams, soaps, lotions, creams and other cosmetic formulations.
- Restrictions on Use: None
- Manufacturer: USA Diagnostix LLC
- Address: 30250 Rancho Viejo Road San Juan Capistrano, CA 92675
- Phone: 619-378-7771 (Hours: 8:00 a.m. – 5:00 p.m. Pacific)
- Emergency: 949-241-7610

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and use of the product. This SDS should be retained and available for employees and other users of the product.

Section 2: Hazard(s) Identification

- Emergency Overview:
 - Physical Appearance: Clear Liquid, light amber / yellowish
 - NFPA: Health = 0, Flammability = 0, Reactivity = 0
 - Signal word: N/A
- Hazard statements:
 - May Cause Minor Skin Irritation
 - May Cause Minor Eye Irritation
- Pictograms: N/A
- Precautionary statements.
 - Wash hands thoroughly after handling.
 - If in eyes, immediately flush with clean water for 15 minutes or until relief is achieved. Remove contact lenses if present and continue rinsing
 - If irritation persists, seek medical attention
 - CAUTION:

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- CAUSES MILD EYE IRRITATION.
 - CAUSES MILD SKIN IRRITATION.
- Hazard Overview
 - Primary Route(s) of Exposure: Eyes. Skin.
 - Chronic Health Hazards: None known
- Signs and Symptoms of Overexposure
 - Eye Contact: Causes mild eye irritation.
 - Skin Contact: Causes mild skin irritation.
- Signs and symptoms
 - Exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:, stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), pain in the abdomen and lower back, blood abnormalities (breakage of red blood cells), acute kidney failure (sudden slowing or stopping of urine production)
- Target Organs
 - Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals:, thyroid effects, effects on kidney function, liver abnormalities
- Carcinogenicity
 - This material is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).
- Reproductive hazard
 - This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal.
 - The relevance of these findings to humans is uncertain., There are no data available for assessing risk to the fetus from maternal exposure to this material.

Section 3: Composition/Information on Ingredients

Components	Weight %
Phenoxyethanol	X%
Caprylyl Glycol	X%
Sorbic Acid	X%

Allivex is claiming a trade secret

- The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4: First-Aid Measures

- Inhalation:
 - N/A No specific treatment is necessary since material is not likely to be hazardous by inhalation. If exposed to excessive levels of dust or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.
- Eye Contact:
 - In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
- Skin Irritation:
 - Immediately wash with soap and plenty of water. Remove contaminated clothing and launder before reuse. Get medical attention if symptoms occur.
- Ingestion:
 - Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Section 5: Fire-Fighting Measures

- Suitable Extinguishing Equipment:
 - Water, foam, carbon dioxide, dry chemicals. Fire fighters should wear full protective clothing, including self-contained breathing equipment.
- NFPA Rating:
 - Health 1 Flammability 1 Reactivity: 0.
- Flash Point (°F):
 - 220
- Unusual Fire/Explosion Hazards:
 - Unknown
- HMIS RATING:
 - HEALTH: 1
 - FLAMMABILITY: 1

- PHYSICAL HAZARD: 0
- 1
- 1
- 0
- Specific Advice in Case of Fire: No known hazardous decomposition products

Section 6: Accidental Release Measures

- Use of Personal Precautions:
 - Contain spilled materials, avoid inhalation of vapors. Ventilate spill areas
- Emergency Procedures:
 - No special requirements
- Methods for Containment:
 - Contain spill and collect with inert, non-combustible absorbent material.
 - Disposal of spilled material and spill debris should be in accordance with all applicable local, state, and federal regulations.
- Handling:
 - Avoid contact with skin and eyes. Wash thoroughly with soap and water after handling.
 - May produce sensitization to damaged exposed skin Wear appropriate PPE.
- Storage:
 - Storage at temperatures below 10°C requires thawing and mixing prior to use, with no detrimental effect to product quality or efficacy.
 - Keep containers tightly closed when not in use.
 - Store in a cool, dry place, out of direct sunlight.

Section 7: Handling and Storage

- Precautions for Safe Handling:
 - Wash hands after handling product and keep product out of eyes.
- Recommendations on Safe Storage:
 - Store in a cool well-ventilated place.
 - Keep cool, keep container tightly closed when not in use

Section 8: Exposure Controls/Personal Protection

- OSHA Permissible Exposure Limits (PELs); None Required

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- Engineering Controls Use in a well ventilated area.
- Respiratory Protection: Use in a well ventilated area
- Recommendations for Personal Protective Measures All cleanable impervious glove types are acceptable.
- Eye Protection: Safety glasses
- Special Requirements for PPE, None Required
- Protective Clothing or Equipment: None Required
- Hygiene Measures Wash hands after use

Components	ACGIH Threshold Limit Values- Time Weighted Averages (TLV-TWA)	U.S - OSHA - Final PELs - Time Weighted Averages (TWAs)
Phenoxyethanol	No TLV/TWA Established	No TLV/TWA Established
Caprylyl Glycol	No TLV/TWA Established	No TLV/TWA Established
Sorbic Acid	No TLV/TWA Established	No TLV/TWA Established

Section 9: Physical and Chemical Properties

- Physical State: Liquid
- Color: Clear to pale yellow
- Odor: Characteristic, Mild
- Odor Threshold: Not available
- pH: Not determined
- Specific Gravity: 1.18
- Boiling Point (°F): 369
- Melting Point/Freezing Point(°F): Not determined
- Vapor Pressure: 0.22 mm Hg @ 20°C
- Solubility: 1.5g/100g @25°C

Section 10: Stability and Reactivity

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Chemical Stability

- Stability: Stable under ordinary conditions of use and storage
- Conditions to Avoid: Stable under normal conditions
- Incompatible Materials; Presents no significant reactivity hazard
- Hazardous Decomposition: No known hazardous decomposition products
- Hazardous Polymerization: Will not occur

Section 11: Toxicological Information

- Toxicity Test:
- Information on likely routes of exposure :
 - Inhalation
 - Skin absorption
 - Skin contact
 - Eye Contact
 - Ingestion
- Product
 - Acute oral toxicity : no data available
 - Acute inhalation toxicity : no data available
 - Acute dermal toxicity : no data available
 - Skin corrosion/irritation : no data available
 - Serious eye damage/eye irritation : no data available
- Mutagenicity
 - Non-mutagenic

Section 12: Ecological Information (non-mandatory)

- PHENOXYTHANOL:
 - Toxicity to daphnia and other aquatic invertebrates : EC 50 (Water flea (Daphnia magna)): 176 mg/l
 - Exposure time: 48 h Method: OECD Test Guideline 202
 - Toxicity to algae : EC 50 (Pseudokirchneriella subcapitata (green algae)): 46 mg/l
 - Exposure time: 72 h Method: OECD Test Guideline 201
- Biodegradability:
 - None Determined
- SORBIC ACID:
 - Toxicity to fish : LC 50 (Danio rerio (zebra fish)): 1,250 mg/l
 - Exposure time: 96 h Method: OECD Test Guideline 203

- Toxicity to daphnia and other aquatic invertebrates : EC 50 (Daphnia magna (Water flea)): 353 mg/l
 - Exposure time: 48 h Method: OECD Test Guideline 202
- Toxicity to algae : EC 50 (Desmodesmus subspicatus (green algae)): 24.1 mg/l
 - Exposure time: 72 h eline 203
- Toxicity to daphnia and other aquatic invertebrates : EC 50 (Daphnia magna (Water flea)): 353 mg/l
 - Exposure time: 48 h Method: OECD Test Guideline 202
- Toxicity to algae : EC 50 (Desmodesmus subspicatus (green algae)): 24.1 mg/l
 - Exposure time: 72 h

Section 13: Disposal Considerations (non-mandatory)

- Disposal of Waste Method:
 - Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.

Section 14: Transport Information (non-mandatory)

- Not Regulated

Section 15: Regulatory Information (non-mandatory):

- US Regulatory Information
 - OSHA Standards: This product contains no hazardous products ingredients per OSHA
 - TSCA: This product contains no Toxic substances as
 - SARA 302: Not Applicable
 - SARA 311/312: No reportable quantities
 - SARA 313: No reportable quantities
 - TSCA: All chemical substances in this product are included or exempted from listing on the TSCA Inventory of Chemical Substances

- Canadian Regulatory Information:
 - DSL List: All components of this product comply with registration requirements.

- European Economic Community Information for Constituents: Not Applicable

- EU Labeling and Classification According to Directive 1999/45/EC: This product meets the definition of the following hazard class as defined by the European Economic Community Guidelines.
 - EU Classification: not applicable
 - EU Risk Phrases: not applicable
 - EU Safety Phrases: not applicable
 - EU Symbols: None

- Japanese Information:
 - 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.
 - Japanese ENCS Inventory: The components of this product are on the ENCS Inventory if required.
 - Poisonous and Deleterious Substances Control Law: No component of this product is a listed poisonous, deleterious, or specified poisonous substance under the Poisonous and Deleterious Substances Control Law.
- Other International Chemical Inventories:
 - China Inventory of Existing Chemical Substances (IECSC): The components of this product are on the IECSC if required.
 - Korean Existing Chemicals List (KECL): The components of this product are on the KECL if required.
 - Philippines Inventory of Chemicals and Chemical Substances (PICCS): The components of this product are on the PICCS if required.

Section 16: Other Information

The information contained in this SDS is presented in good faith and believed to be accurate based on the information provided. The SDS does not purport to be all inclusive, and shall be used only as a guide.

While USA Diagnostix LLC. Believes that the data contained herein complies with 29 CFR 1910.1200, they are not to be taken as a warranty or representation for which USA Diagnostix LLC. Assumes legal responsibility. USA Diagnostix LLC. shall not be held liable or accountable for any loss or damage associated with the use of this material and information. The recommended industrial hygiene and safe use, handling, storage, and disposal procedures are believed to be generally applicable. However, since the use, handling, storage, and disposal are beyond USA Diagnostix LLC control, it is the responsibility of the user both to determine safe conditions for use of

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this product and to assume liability of loss, damage, or expense arising out of the material's improper use.