



AT-3060-AM – AM DISINFECT

Part of the **AlphaSAFE** Antimicrobial Line

SAFETY DATA SHEET

1. COMPANY AND PRODUCT INFORMATION

Company Name: ALPHATEK MATERIALS
Company Address: 2372 Morse Ave., Ste. 167, Irvine, CA 92614
Tel: 1-949-387-4271
Last Issue Date: 5/27/2017

Product Code: AT-3060-AM – AM DISINFECT
EPA Co. No.: 096235
EPA Reg. No.: 83019-1
EPA Est. No.: 96235-CA-1

2. HAZARDS IDENTIFICATION

GHS HAZARD CLASSIFICATION: Not Classified

GHS LABELING: N/A

POTENTIAL HEALTH EFFECTS:

Routes of Entry: Eyes, Ingestion, Inhalation, Skin
Target Organs: Central Nervous System, Kidneys, Liver
Irritancy: Eyes, Respiratory, Tract, Skin
Sensitizing Capability: None Known
Reproductive Effects: None Known
Cancer Information: Not Known to be Carcinogenic

SHORT-TERM EXPOSURE (ACUTE):

Inhalation: May cause irritation
Eyes: May be irritating
Skin: May cause irritation or slight dermatitis.
Ingestion: If swallowed, DO NOT induce vomiting. Consult medical attention immediately

REPEATED EXPOSURE (CHRONIC):

Prolonged or repeated breathing or swallowing of large amounts may cause discomfort.
Synergistic Materials: None Known.



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Medical Conditions Aggravated by Exposure: None Known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS NUMBER	CHEMICAL NAME	PERCENTAGE VALUE (%)
199111-50-7	(Trihydroxysilyl)propyldimethyloctadecyl ammonium chloride	1.0
8006-90-4	Fragrance (Proprietary Mixture)	0.01-0.9
7732-18-5	Water	60-99
7128-64-5	Optical Brightener (Non-Toxic Material FDA Approved)	0.0005-0.001

*Balance of ingredients are deemed non-hazardous

*Ingredients not listed here are also not listed in the SARA classification and are deemed proprietary

4. FIRST AID MEASURES

Eye Contact:

Rinse thoroughly with water for several minutes. Contact lenses, remove lenses if possible and continue to rinse for several minutes. If irritation persists, seek medical attention.

Skin Contact:

Wash with soap and water. If irritation persists, seek medical attention.

Inhalation:

Remove to fresh air.

Ingestion:

Do not induce vomiting. Seek medical attention immediately.



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5. FIRE FIGHTING MEASURES

Extinguishing Media:

Water (material will not burn – non-flammable)

Fire Fighting Procedures:

Wear suitable equipment for the surround fire

Fire and Explosion Hazard:

N/A

Sensitivity to Mechanical Impact:

Not Applicable.

Sensitivity to Static Charge:

Not Applicable.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

No Precautions.

Environmental Precautions:

Contain liquids and prevent discharge into streams and sewers, control or stop the loss of volatile material to the atmosphere.

Small Spills:

Wipe up and/or rinse off spill area with water

Large Spills:

Dike to contain and pump or scoop-up into containers for disposal or use, (as above), wipe-up excess and clean contaminated area with water. In case of accidental spill or release, refer to Section 8, Personal Protective Equipment and General Hygiene Practices.



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7. HANDLING AND STORAGE

Handling:

Avoid breathing vapors, use adequate ventilation.

Avoid eye contact.

Wear personal protective equipment as described in Section 8, Personal Protective Equipment and General Hygiene Practices.

Wash thoroughly with soap and water after handling.

Avoid sparks, pilot lights, welding operations, and open flame.

Do not reuse containers.

Storage:

Keep container properly closed and properly labeled.

Store in a cool place / keep away from strong acids and oxidizing agents

Protect from Freezing.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Appropriate Hygiene Practices:

Avoid contact with eyes, skin, and clothing. Avoid breathing vapors, fumes, and mists. Avoid prolonged or repeated exposure. Wash thoroughly after handling and before eating, drinking, or smoking.

Engineering Controls:

Maintain good ventilation to maintain acceptable levels of airborne contaminants.

Respiratory:

None needed when used as directed

Eyes/Face:

Wear safety glasses to protect against splashing of concentrate, when appropriate.

Skin:

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Wear plastic or rubber apron for splash protection. Wear chemical resistant gloves.

Other:

Emergency shower and eyewash facility should be in close proximity to rinse off.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Liquid / Clear / Fresh-scent Odor
VOC (grams / liters):	0%
Freezing Point:	-32°F / -35.5°C
pH:	2-4
Flash Point:	200°F / 93.3°C
Flammability:	Non-Flammable

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable
Reacts With:	Strong oxidizing agents, strong acids or bases of selected amines.
Hazardous Polymerization:	Will Not Occur
Hazardous Decomposition Products:	Carbon Monoxide, Carbon Dioxide

11. TOXOLOGICAL INFORMATION

Carcinogenicity Information:

Not listed as carcinogen by NTP (National Toxicology Program); not regulated as a carcinogen by OSHA (Occupational Safety and Health Administration); not evaluated by IARC (International Agency for Research on Cancer)

Reported Human Effects:

May cause eye and/or skin irritation

12. ECOLOGICAL INFORMATION



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This material may be toxic to aquatic organisms, under large spill conditions. Avoid large concentrated releases to surface waters and waste treatment systems.

This product has no effect on the Ozone layer.

13. DISPOSAL CONSIDERATIONS

Do not mix this product with aqueous or other protic waste streams. Contact local disposal authorities for proper environmental disposal of this product if discarding.

Do not discard in city sewer systems

14. TRANSPORTATION INFORMATION

US DOT:

Proper Shipping Name: Natural Polymers Emulsions

Not Regulated

IATA:

Proper Shipping Name: Natural Polymers Emulsions

Not Regulated

15. REGULATORY INFORMATION

U.S. Federal Regulations:

EPA FIFRA Registration:

HM-4100 is a Federal fungicide regulated antimicrobial, **EPA Reg. No.** 83019-1

TSCA Exemption/Exclusion: This substance is excluded from U.S. TSCA notification requirements according to 40 CFR 720.30(a).

US State Regulations:

Canada: Water to be listed on the Canadian DSL (domestic substance list)

WHMIS Classification: uncontrolled product according to WHMIS classification criteria

EU Regulations: water is listed as 7732-18-5 listed on EEC inventory EINECS

National Requirements:



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Listed on the AICS (Australian)
Listed on the IECSC (China)
Listed on the Korean ECL
Listed on the NZIoC (New Zealand)
Listed on the PICCS (Philippines)
Listed on the INSQ (Mexico)

US State Regulations:

California Prop 65 – This product does not contain any substances known to the state of California to cause, developmental and/or reproductive harm.

OSHA Standard 20 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of hazard communication program including labeling material safety data sheets, training and access to written records. We request, as it is your legal duty to, make all information in this safety data sheet available to all your employees.

16. OTHER INFORMATION

*EPA Reg. No.: 83019-1
*EPA Est. No.: 96235-CA-1

Prepared By: AlphaTek Materials, LLC.

Disclaimer:

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