

Product Name: Benzylcetyldimethylammonium chloride hydrate Revision Date: 06/05/2021



I. PRODUCT AND COMPANY IDENTIFICATION

Product Name:

Product Catalog Number:

CAS Number:

Company:

Benzylcetyldimethylammonium chloride hydrate

122-18-9

C6971

APExBIO Technology 7505 Fannin street, Suite 410, Houston, TX 77054, USA +1-832-696-8203 TEL +1-832-641-3177 FAX +1-855-577-7998 EMERGENCY PHONE

II. HAZARDS IDENTIFICATION

Emergency Overview OSHA Hazards:

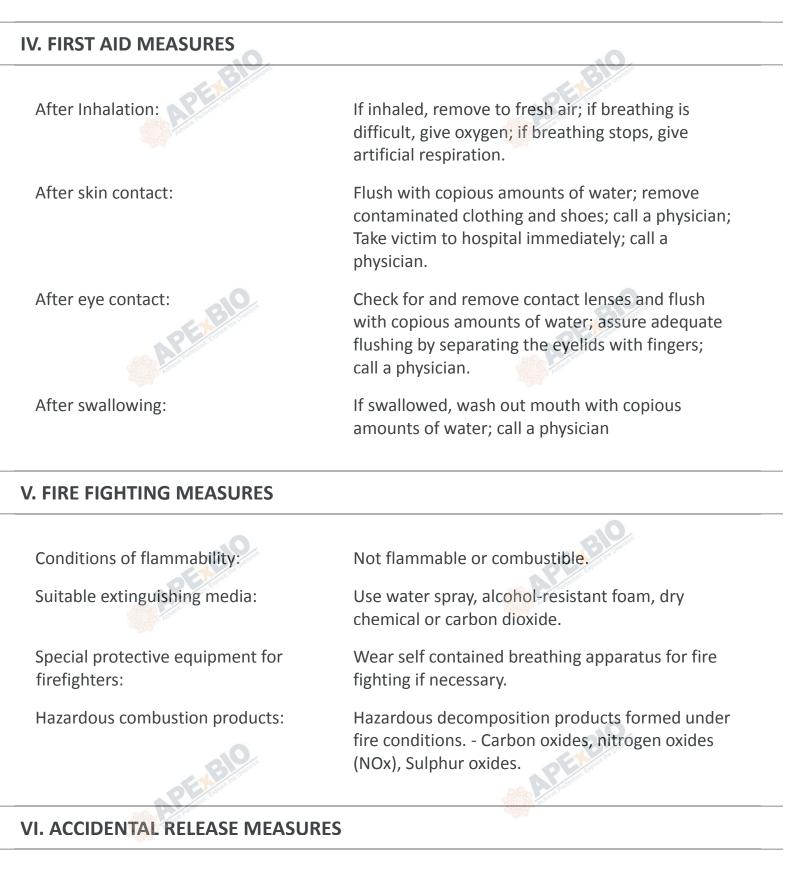
Acute toxicity,oral(Category 4),H302 Acute toxicity,dermal(Category 4),H312 Skin corrosion/irritation(Category 1A, B, C),H314 Skin corrosion/irritation(Category 2),H315 Serious eye damage/eye irritation(Category 1),H318 Serious eye damage/eye irritation(Category 2A),H319 Hazardous to the aquatic environment, acute hazard(Category 1),H400

III. COMPOSITION/DATA ON COMPONENTS

Formula:

C25H46CIN

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Personal precautions:

Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas.

Environmental precautions:

Methods and materials for containment and cleaning up:

VII. HANDLING AND STORAGE

Precautions for safe handling:

Conditions for safe storage:

Do not let product enter drains. Prevent further leakage or spillage if safe to do so.

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: Store at -20°C Keep in a dry place.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal protective equipment as follows:

Respiratory protection:



Contains no substances with occupational exposure limit values.

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N99 (US) or type P2 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection:

Skin and body protection:

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures:

General industrial hygiene practice.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

a) Appearance	No data available
b) Odour	No data available
c) Odour Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and	No data available
boiling range	
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or	No data available
explosive limits	
k) Vapour pressure	No data available

I) Vapour density

- m) Relative density
- n) Water solubility
- o) Partition coefficient
- p) Auto-ignition temperature
- q) Decomposition temperature
- r) Viscosity
- s) Explosive properties
- t) Oxidizing properties

Other safety information

No data available

X. STABILITY AND REACTIVITY

Chemical stability:

Possibility of hazardous reactions:

Conditions to avoid:

Materials to avoid:

Carcinogenicity

Stable under recommended storage conditions.

No data available.

No data available.

Strong acids, Strong bases.

XI. TOXICOLOGICAL INFORMATION

ACGIH:

IARC:

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.









No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

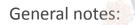
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

XII. ECOLOGICAL INFORMATION

General notes:

No data available.

XIII. DISPOSAL CONSIDERATION



Dispose of in accordance with prevailing country, federal, state and local regulations

XIV. TRANSPORT INFORMATION

DOT (US): IMDG:

This substance is considered to be non-hazardous for transport.

UN number: 3077 Class: 9 Packing group: III EMS-No: F-A, S-F Proper shipping name: Environmentally hazardous substance, solid, n.o.s. Marine pollutant: Marine pollutant

UN number: 3077 Class: 9 Packing group: III Proper shipping name: Environmentally hazardous substance, solid, n.o.s.

XV. REGULATIONS

SARA 302 Components:

SARA 313 Components:

SARA 311/312 Hazards:

Massachusetts Right To Know Components:

Pennsylvania Right To Know Components:

New Jersey Right To Know Components:

California Prop. 65 Components:

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Acute Health Hazard.

No components are subject to the Massachusetts Right to Know Act.

No components are subject to the New Jersey Right to Know Act.

No components are subject to the New Jersey Right to Know Act.

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

XVI. OTHER INFORMATION

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