

1. Product and Company Identification

Material name:

Revision date:

07-22-2023

CAS-No.

67762-27-0

Chemical class:

CETYL-STEARYL ALCOHOLS

Manufacturer:

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2. Hazards Identification

Emergency overview:

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Potential health effects:

Eyes:

Non-irritating to the eyes.

Skin:

Non-irritating to the skin.

3. Composition/Information on Ingredients

Components

Mono-constituent substance

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

4. First Aid Measures

First aid procedures:

Eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Skin contact:

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Ingestion:

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Protection of first-aiders:

No action shall be taken involving any personal risk or without suitable training.

5. Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents:

Water with full jet

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Avoid breathing dust/fume/gas/mist/vapours/spray.

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

6. Accidental Release Measures

Personal precautions:

Wear protective clothing. Avoid formation of dust. Use respiratory protective device against the effects of fumes/dust/aerosol.

Environmental precautions:

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Damp down dust with water spray.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralising agent. Dispose contaminated material as waste according to item 13.

7. Handling and Storage

Handling:

Thorough dedusting. Keep receptacles tightly sealed. Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace. Use appropriate industrial vacuum cleaners or central vacuum systems for dust removal. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material.

Storage:

Store only in the original receptacle.

Store away from oxidising agents.

Keep container tightly sealed.

Protect from heat and direct sunlight.

Product in sealed original container in a cool and dry place is stable for at least 2 years Storage temperature for liquid is 55°C under nitrogen blanketing and temperature for transfer of product is control at 60°C

8. Exposure Controls/Personal Protection

Personal protective equipment:

General:

Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Eye/face protection:

Safety glasses

Protection of hands:

Protective gloves

Respiratory protection:

Suitable respiratory protective device recommended.

9. Physical & Chemical Properties

Appearance: Pastilles Liquid
 Solubility in Water: 0.000149 g/L (QSAR)
 pH: Not applicable.
 Freezing point: Not available.
 Flash point: 170 °C (ISO 2719)
 Flammability limits in air, upper, % by volume: Product is not flammable.
 Vapour pressure at 25 °C 0.0001 hPa (QSAR)

10. Stability & Reactivity

Chemical stability: Stable at environment temperature.
 Conditions to avoid: See Section 7 for information of safe handling.
 Incompatible materials: See Section 7 for information of safe handling.
 Hazardous decomposition products: Carbon monoxide and carbon dioxide
 Possibility of hazardous reactions: Risk of dust explosion if enriched with fine dust in the presence of air.

11. Toxicological Information

Toxicological data:
 Sensitization: Not classified.
 Acute effects: Based on available data, the classification criteria are not met.
 Carcinogenicity: Based on available data, the classification criteria are not met.
 Skin corrosion/irritation: No irritant effect.
 Mutagenicity: No mutagenic effect.
 Reproductive effects: No adverse effect observed.

12. Ecological Information

Ecotoxicological data:

Persistence/degradability: Readily biodegradable.
 Bioaccumulation/Accumulation: Does not accumulate in organisms
 Mobility in environmental media: No further relevant information available.

13. Disposal

Considerations

13.1 Waste treatment methods

Recommendation:

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Must be specially treated adhering to official regulations.

Uncleaned packaging:
Recommendation:

Disposal must be made according to official regulations.

Recommended cleansing agents:

Water, if necessary together with cleansing agents.

14. Transport Information

Notes:

Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

15. Regulatory Information

US federal regulations:

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

16. Other Information

Recommended restrictions:

For industrial use only.

HMIS® ratings:

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NFPA ratings:

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