

SAFETY DATA SHEET

FOR CAVIZYME CLEANER AND DISINFECTANT

SECTION 1: IDENTIFICATION

- 1.1 Manufacturer Identification: Fine Healthcare F.Z.C., Ajman, UAE.
- 1.2 Manufacture Address: Block E1-20, Ajman Free Zone.
- 1.3 Contact E-Mail: fine@finehealthcare.co
- 1.4 Website: www.finehealthcare.co
- 1.5 Trade Name: CAVIZYME Cleaner and Disinfectant for Medical Instruments and Endoscopes
- 1.6 Pack Sizes: 1000 and 5000 ml
- 1.7 Shelf Life: 36 Months
- 1.8 Active Ingredient: Enzyme (Amylase, protease, lipase, cellulase), QAC's
- 1.9 Description: Cleaner and Disinfectant for Medical Instruments and Endoscopes used as pre-cleaner to remove organic impurities such as blood, protein, mucus, fat. 1000/5000 ml white plastic bottle with cap
- 1.10 Intended Use: Enzymatic detergent for Medical Instruments. A Concentrated Product.

SECTION 2: HAZARD(S) IDENTIFICATION

- 2.1 Classification of the substance or mixture:
 Classification according to CE Regulation num. 1272/2008 [CLP]
 - 2.1.2 H315 Skin Irritation. Category 2
 - 2.1.3 H319 Eye Irritation. Category 2
- 2.2 Other hazards: No additional information available.
- 2.3 Unknown acute toxicity (GHS US): No data available



SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

No.	Chemical Name	Product identifier /CAS Number	Concentration
01	Water	7732-18-5	65-80 %
02	Benzalkonium Chloride	8001-54-5	5-12 %
03	Didecyl Dimethyl Ammonium Chloride	7173-51-5	4-6 %
04	Tergitol NP-9	26571-11-9	4-6 %
05	Mixture of Enzyme's (Amylase, protease, lipase, cellulase)	N/A	0.05-0.5 %
06	Inert Ingredients	N/A	QS

SECTION 4: FIRST-AID MEASURES

- 4.1 Description of first aid measures
 - First-aid measures after inhalation: In case of inhalation, remove to fresh air. If not breathing, provide artificial respiration. If breathing is difficult, administer oxygen. Seek medical attention immediately.
 - First-aid measures after skin contact: Wash thoroughly with soap and water. If skin irritation develops or persists, seek medical attention.
 - First-aid measures after eye contact: In case of eye contact, immediately flush eyes with fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. Get medical attention if irritation persists.
 - First-aid measures after ingestion: Wash your mouth with water (only if the person is conscious). DO NOT induce vomiting. Seek medical attention.
- 4.2. Most important symptoms and effects, both acute and delayed
 - Effects and symptoms: No specific effects and/or symptoms are known
- 4.3. Indication of any immediate medical attention and special treatment needed
 - No additional information available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:

5.1.1 Suitable extinguishing media: Spray water, powder-BC, carbon dioxide (CO₂).

5.1.2 Extinguishing media that do not have to be used for safety reasons: Jet water

5.2 Special hazards arising from the substance or mixture:

- Fire hazard: Not flammable.
- Explosion hazard: Special exposure hazards arising from the substance or preparation itself: Nitrogen oxide (NO_x), carbon monoxide (CO), carbon dioxide (CO₂).
- Fire Fighting Procedures: Evacuate personnel to a safe area. Move containers from area if it can be done without risk. Wear protective clothing and positive-pressure, self-contained breathing apparatus with full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Health and Safety Precautions: For personnel not involved in the emergency: move people to a safe place
For emergency personnel: Wear breathing apparatus in case of exposure to vapors / dust / spray / gases

6.2 Measures for Cleaning / Collecting: Containment measures of a spill: cover the drains. Cleaning methods: Absorb spillage with an absorbent material (eg cloth, wool). Collect the spill (sawdust, sand, universal binder).

Appropriate containment techniques: Use adsorbent materials

Other information: collect in appropriate containers for disposal. Ventilate the affected area.

6.3 Measures for Environmental Protections: Avoid contact with sewage, surface water and groundwater.

Hold the wash water and dispose of it as waste.

6.4 Additional Consideration for Large Spills: Non-essential personnel should be evacuated from affected area.

Report emergency situations immediately. Clean up operations should only be undertaken by trained personnel.

SECTION 7: HANDLING & STORAGE

7.1 Handling (Personnel): Use local and general ventilation. Use only in well-ventilated areas. Precautions for general occupational hygiene. Wash hands after use. Do not eat, drink or smoke in the work areas. Remove contaminated clothing and contaminated protective equipment before entering food areas. Do not store food or drink in the vicinity of the chemical. Do not place the product in containers that are normally used for food or drinks. Keep away from food, drink and animal feed.

7.2 Handling (Physical Aspects): Storage: Keep away from open flames, hot surfaces and sources of ignition. Store in airtight container. Keep container closed when not in use. Store at below 25°C. Protection against external exposure, such as ice.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Engineering Controls: Handle material under adequate ventilation.

8.2 Personal Protective Equipment: Refer to applicable national standards and regulations in the selection and use of personal protective equipment (PPE).

8.3 Eyes: Wear eye protection / face.

8.4 Hand protection: Wear impervious clothing (gloves) to prevent skin contact. Wash hands after handling.

8.5 Skin and body protection: Wear impervious clothing (lab coat, shoe covers) to prevent skin contact.

8.6 Respiratory protection: None required under normal product handling conditions.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

- 9.1 Physical State: Liquid
- 9.2 pH: 6.0 – 8.0
- 9.3 Odour: Characteristic odor
- 9.4 Colour: Turbit, slightly yellow to light brown
- 9.5 Solubility: Miscible with water.
- 9.6 Flammability: not pertinent (fluid). Not flammable

SECTION 10: STABILITY & REACTIVITY

- 10.1 Reactivity: No additional information available.
- 10.2 Chemical stability: The product is stable at normal handling- and storage conditions.
- 10.3 Possibility of hazardous reactions: No information available.
- 10.4 Conditions to avoid: Storage in excess heat (104 ° F) over a long period of time.
- 10.5 Incompatible materials: Additional information not available
- 10.6 Hazardous decomposition products: Will not decompose under conditions of usual handling.

SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1 Effects from Eye Contact: Serious Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
- 11.2 Dermal Effects: Causes skin irritation. Signs/symptoms may include localized redness, itching, drying and cracking of skin to sensitive skin.
- 11.3 Allergic Skin Reaction (non-photo induced): It is not classified as skin sensitizer.
- 11.4 Effects from Inhalation: It is not classified as respiratory sensitizer.
- 11.5 Summary of the evaluation of CMR properties: It is not classified as mutagenic of the cells, carcinogenic or as toxic for reproduction
- 11.6 Toxicity to specific organs (STOT):
 Toxicity to specific organs - single exposure-It is not classified.

1. Water (7732-18-5)
LD50 oral Rat > 90 ml/kg
2. Benzalkonium Chloride (8001-54-5)
LD50 oral Rat 850 mg/kg
LD50 dermal Rat 2,300 mg/kg
3. Didecyl Dimethyl Ammonium Chloride (7173-51-5)
LD50 oral Rat: 400 mg/kg
4. Tergitol NP-9 (26571-11-9)
LD50 oral Rat: 960-3980 mg/kg
LD50 dermal Rabbit: 2000-2199 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Environmental Overview: Environmental properties have not been thoroughly investigated.
 The product contains mixer of QAC's, which are may be hazardous for the environment: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 Releases to the environment should be avoided.
- 12.2 Bioaccumulative potential: No further relevant information available.
- 12.3 Mobility in soil: No further relevant information available.
- 12.4 Other adverse effects: No further relevant information available.

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 Disposal Procedures:** Dispose of waste in accordance with all applicable laws and regulations. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental releases. This may include destructive techniques for waste and wastewater.

SECTION 14: TRANSPORT INFORMATION

- 14.1 Packaging Units:** inner packaging: HDPE plastic bottles tightly closed;
outer packaging: fiberboard box with total weight not more than 25kgs.
- 14.2 In accordance with DOT / ADR / RID / ADNR / IMDG / ICAO / IATA**
- UN number (DOT): Not applicable.
 - Road/Train transport (ADR/RID): not applicable.
 - Sea transport (IMDG): not applicable
 - Air transport (IATA): not applicable
- The substance is not dangerous for transport.
UN proper shipping name: Not applicable.

SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- 15.1.1. EU-Regulations**
- No REACH Annex XVII restrictions
 - Contains no REACH candidate substance
- 15.1.2. National regulations**
- No additional information available
- 15.2 Chemical Safety Assessment**
- No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

- 16.1 SDS Version:** SDS/01/23/01.
- 16.2 SDS Initial Issue Date:** 02/01/2023.
- 16.3 SDS Last Update/Review Date:** 20/05/2024.
- 16.4** This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.
- 16.5** For information about SDS, use this department contact: +971 6 7417300