

SAFETY DATA SHEET

FOR CAVICIDE DISINFECTANT SOLUTION

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: CAVICIDE Disinfectant Solution
 1.6 Pack Sizes: 1 L, 5 L
 1.7 Shelf Life: 36 Months
 1.8 Active Ingredient: Glutaraldehyde 2%.
 1.9 Description: High Level Disinfectant for Endoscopes and Medical Instruments, Contains 2% Glutaraldehyde ,
 Packaged in 1 L/ 5 L HDPE Plastic Bottle fitted with cap.
 1.10 Intended Use: Used manually or with an endoscope washing machine for high-level disinfection of flexible
 and rigid endoscopes, surgical instruments made of stainless steel, including MIC instruments, anesthesia
 materials and non-heat-resistant medical instruments., Ready-to-Use.

SECTION 2: HAZARD(S) IDENTIFICATION

- 2.1 Classification of the substance or mixture:
 Classification (GHS-US)
 2.1.1 H319 - Causes serious eye irritation,
 Eye irritation Category 2A
 2.1.2 H334 - May cause an allergy or asthma symptoms
 Or breathing difficulties if inhaled,
 Respiratory sensitization, Category 1
 2.1.3 STOT SE 3 H336
 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	Purified Water	(CAS No) 7732-18-5	80-90%
02	Glutaraldehyde	(CAS No) 111-30-8 2.5	2.0-2.5%
03	Non-Hazardous Ingredient	Trade Secret	Trade Secret

SECTION 4: FIRST-AID MEASURES

- 4.1 Description of first aid measures
- First-aid measures after inhalation: Move the affected person to the fresh air. If experiencing respiratory symptoms: Get immediate medical advice/attention.
 - First-aid measures after skin contact: Gently wash with plenty of soap and water. Get medical advice if skin irritation persist.
 - First-aid measures after eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.
 - First-aid measures after ingestion: Do NOT induce vomiting. Seek medical attention.
- 4.2 Symptoms/effects: Causes eye irritation. Repeated or prolonged skin contact may cause irritation. May cause an allergy or asthma symptoms or breathing difficulties if inhaled. Inhalation may affect the nervous system causing headache, possibly dizziness, nausea, weakness, loss of coordination and

unconsciousness. Immediate medical attention and special treatment, if necessary: Obtain medical attention if breathing difficulty persists.

4.3. Indication of any immediate medical attention and special treatment needed

- No additional information available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

5.2 Unsuitable extinguishing media: None.

5.3 Fire hazard: This product is not classified as flammable or combustible. On combustion, forms: carbon oxides (CO and CO₂).

5.4 Special protective equipment and precautions for fire-fighters: In case of fire: Stop leak if safe to do so. Cool down the containers exposed to heat with a water spray. Do not attempt to take action without suitable protective equipment. Fire Fighting Procedures: During all firefighting activities, wear appropriate protective equipment, including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Health and Safety Precautions: Personnel involved in clean-up should wear appropriate personal protective equipment (see Section 8). Minimize exposure.

6.2 Measures for Cleaning / Collecting: Eliminate possible ignition sources (e.g., heat, sparks, flame, impact, friction, electricity). Contain the source of spill if it is safe to do so. Collect spill with absorbent material. Clean spill area thoroughly.

6.3 Measures for Environmental Protections: Place waste in an appropriately labelled, sealed container for disposal. Care should be taken to avoid environmental release.

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):

- Avoid breathing vapor or mist.
- Avoid contact with eyes and clothing.
- Wash thoroughly after handling.
- Wash contaminated clothing after use.
- Use only with adequate ventilation
- Releases to the environment should be avoided.
- Review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure or environmental releases. Potential points of process emissions of this

7.2 Handling (Physical Aspects):

- Close container after each use.
- Storage: Keep away from open flames, hot surfaces and sources of ignition. Store in airtight container, in the dark. Keep container closed when not in use. Store at below 25°C. Keep from contact with oxidizing materials.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Engineering Controls:** Handle material under adequate ventilation. Keep container tightly closed when not in use.
- 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 safety glasses with side shields. Wear full-face protection when judged that the possibility exists for eye and face contact. None required for consumer use.
- 8.4 Hand protection:** Wear gloves to prevent skin contact. None required for consumer use.
- 8.5 Skin and body protection:** Wear impervious clothing (lab coat, shoe covers) to prevent skin contact. None required for consumer use.
- 8.6 Respiratory protection:** None required under normal product handling conditions.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

- 9.1 Physical State:** Clear Solution.
- 9.2 Odor:** Characteristic Odor.
- 9.3 Colour:** Colorless.
- 9.4 Solubility:** Miscible with water.
- 9.5 pH:** 2.7-4.7

SECTION 10: STABILITY & REACTIVITY

- 10.1 Reactivity:** The product is non-reactive under normal conditions of use, storage and transport.
- 10.2 Chemical stability:** Stable under normal conditions.
- 10.3 Possibility of hazardous reactions:** No dangerous reactions known under normal conditions of use.
- 10.4 Conditions to avoid:** Avoid high temperatures. Try to reduce evaporation.
- 10.5 Incompatible materials:** Strong oxidizing agents. Strong acids. Strong bases.
- 10.6 Hazardous decomposition products:** Thermal decomposition generates: Carbon oxides (CO, CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1 Inhalation:** May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause minor irritation to the respiratory tract and to other mucous membranes. High concentration of vapors may induce: headache, nausea, dizziness.
- 11.2 Skin:** May cause slight irritation to the skin.
- 11.3 Eyes:** May cause moderate irritation, including burning sensation, tearing, redness or swelling.
- 11.4 Ingestion:** May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
- 11.5 Chronic symptoms:** None known.

1. Water (7732-18-5)
LD50 oral rat > 90 ml/kg
2. Glutaraldehyde (111-30-8)
Acute Oral Toxicity LD50 Rat > 154 mg/kg
Acute Dermal Toxicity LD50 Rat > 2000 mg/kg
Acute Inhalation Toxicity LD50 Rat > 96 mg/m ³

SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Ecology - general: Toxic to aquatic life.
- 12.2 Ecotoxicity: Releases to the environment should be avoided.
Glutaral 10 mg/L Fish LC50; 14.87 mg/L Daphnia EC50; 0.6 mg/L Algae ErC50
- 12.3 Persistence and degradability: No data available
- 12.4 Bioaccumulative potential: No data available
- 12.5 Mobility in soil: No data available
- 12.6 Other adverse effects: No data 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/05/21/01.
- 16.2 SDS Initial Issue Date: 02/10/2021.
- 16.3 SDS Last Update/Review Date: 02/08/2023.
- 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