

MSDS - Material Safety Data Sheet

Product Name: *Glutaraldehyde*

MSDS No.: ACEVD22

I. Basic Information:

Manufacturer: Sirchie Finger Print Laboratories

Address: 100 Hunter Place

City, ST Zip: Youngsville, NC 27596

Country: USA

Contact: Tech Support

Information Telephone Number: 919-554-2244

Emergency Contact: ChemTrec

Emergency Telephone Number: 800-424-9300

Emergency Restrictions:

Product Name: Glutaraldehyde

MSDS No.: ACEVD22

Issue Date: 12/29/2011

Supersedes Date: Not Available

II. Hazards Identification:

EMERGENCY OVERVIEW

May be toxic if ingested. Respiratory and digestive tract irritant. Skin irritant. May cause eye damage.

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Health Effects

Route(s) of Entry:

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):

Acute: Eye Damage

Chronic: Allergic contact dermatitis

Signs and Symptoms:

Not Available

Medical Conditions Generally Aggravated by Exposure:

Skin, eye, respiratory diseases

Other Health Warnings:

Not Available

Potential Environmental Effects

Not Available

III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
Glutaraldehyde	111308	2.6	
Water (Distilled)	7732185	97.4	

IV. First Aid Measures:

Emergency and First Aid Procedures:

MSDS - Material Safety Data Sheet

Product Name: Glutaraldehyde

MSDS No.: ACEVD22

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen (To be administered by qualified medical personnel only!) Get medical attention if condition warrants.

Ingestion: DO NOT induce vomiting. If victim is conscious and alert, give large quantities of water. (Never give anything by mouth to an unconscious person!) Get medical attention immediately.

Skin: Flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if condition warrants.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Do not allow victim to rub or keep eyes closed. Get medical aid if condition warrants.

Note to Physicians:

Not Available

V. Fire Fighting Measures:

Suitable Extinguishing Media:

Use proper extinguishing media suitable for surrounding fire.

Unsuitable Extinguishing Media:

Wear self-contained breathing apparatus and protective clothing.

Products of Combustion:

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state, and federal regulations.

Protection of Firefighters:

Wear normal turnout gear.

VI. Accidental Release Measures:

Personal Precautions:

Wear vapor respirator, safety goggles, and rubber gloves.

Environmental Precautions:

Prevent from entering sewers or waterways. May be harmful to some aquatic life.

Methods for Containment:

Remove sources of ignition (i.e. open flames, sparks).

Methods for Cleanup:

Soak up with inert absorbent material (ammonium carbonate recommended; do not use flammable substances such as sawdust). Ventilate and wash spill site with equal mixture of household ammonia and water after collection.

Other Information:

Dispose according to local, state, and federal regulations.

VII. Handling and Storage:

Handling Precautions:

Keep in closed container. Use only in well-ventilated areas. Avoid contact with skin and eyes. Avoid ingestion. Wash thoroughly after handling.

Storage Precautions:

Avoid temperatures above 200 F. Avoid evaporation. Avoid ignition sources (heat, open flame, spark). Avoid incompatible materials.

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state, and federal regulations.

VIII. Exposure Controls/Personal Protection:

MSDS - Material Safety Data Sheet**Product Name: Glutaraldehyde**

MSDS No.: ACEVD22

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Glutaraldehyde	0.2 ppm	0.2 ppm	Not Available
Water (Distilled)	None	None	212 F

Engineering Controls:

Use only in well-ventilated areas.

Personal Protective Equipment:

Safety goggles, gloves, vapor respirator, protective clothing

IX. Physical and Chemical Properties:**Boiling Point:** 212 F**Boiling Range:** Not Available**Solubility In Water:** 100%**Flash Point:** >200 F**Odor Threshold:** Not Available**Vapor Density (AIR = 1):** ***pH Range:** Not Available**Decomposition Temp:** Not Available**Lower Explosive Limit:** NE**Specific Gravity (H2O = 1):** Not Available**Other Information:** *Vapor Pressure & Vapor Density: Same as water

** Appearance & Odor: Clear (unactivated); green with glutaraldehyde odor (activated)

Melting Point: N/A**Freezing Point:** Not Available**Evaporation Rate (Butyl Acetate = 1):** 0.84**Flash Point Method:** Not Available**Appearance and Odor:** ****Vapor Pressure (mm Hg.):** ***Partition Coefficient:** Not Available**Auto-Ignition Temp:** Not Available**Upper Explosive Limit:** NE**X. Stability and Reactivity:****Stability:**

Stable

Conditions to Avoid:

Not Available

Incompatible Materials:

Acids, alkalines, ignition sources (heat, open flame, spark)

Hazardous Decomposition Products:

Not Available

Possibility of Hazardous Reactions:

Has not been reported.

XI. Toxicological Information:

Safe when used for its intended purpose.

XII. Ecological Information:

Prevent from entering sewers or waterways. May be harmful to some aquatic life.

XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

MSDS - Material Safety Data Sheet

Product Name: *Glutaraldehyde*

MSDS No.: ACEVD22

XIV. Transport Information:

Shipping Name: Not Available

DOT Hazard Class: Not Available

DOT Subsidiary Hazard Class: Not Available

UN/NA#: Not Available

Packing Group: Not Available

Transportation Information:

Keep in closed container. Avoid temperatures above 200 F. Avoid evaporation. Avoid ignition sources (heat, open flame, spark). Avoid incompatible materials. Avoid contact with skin and eyes. Avoid ingestion. Wash thoroughly after handling.

XV. Regulatory Information:

Not regulated for transport.

XVI. Other Information:

Chemical State: Liquid Gas Solid
Chemical Type: Pure Mixture
Hazard Category:
 Acute Chronic Fire
 Pressure Reactive



Additional Manufacturer Warnings:

Using this product under normal, properly instructed procedures should not be hazardous.

1	Health
1	Flammability
1	Physical Hazard
H	Pers. Protection

Additional Product Information:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.