



MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- **Product name:** DSC CIDE
- **Product Description:** Biocide
- **Manufacturer:** Deep South Chemical, Inc.
229 Millstone Road
Broussard, LA 70518 (337) 837-9931
- **For Emergency: Call CHEMTREC 1-800-424-9300 Outside the U.S.A. (703)-527-3887**
- **Contact Person:** Glenn Ray
- **Formula:** Glutaraldehyde
- **MSDS Revised:** May 1, 2013

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	CAS Number	%	PEL(OSHA)		TLV(ACGIH)		IDLH
			TWA	STEL	TWA	STEL	
Glutaraldehyde	111-30-8	25	0.2ppm(Ceiling)		0.2ppm(Ceiling)		N/E

SECTION 3. HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

Effects of overexposure

Inhalation: This product may cause irritation to nose, throat, and respiratory tract

Skin Contact: This product may cause irritation to the skin. Defatting of the skin can occur with frequent or long-term skin contact.

Eye Contact: Corrosive-causes irreversible eye damage.

Ingestion: There may be irritation of the mouth, throat, and digestive tract.

SECTION 4. FIRST AID MEASURES

Eyes: Move victim away from exposure and into fresh air. Seek medical attention. For direct exposure, flush with clean water for 15 minutes. Hold eyelids apart to ensure flushing of the entire eye surface.

Inhalation: Move victim away from source of exposure and into fresh air. If irritation persists, seek medical attention. If victim is not breathing, artificial respiration should be administered.

Skin: Remove contaminated clothes. Cleanse affected area thoroughly with soap and water. If irritation persists, seek medical attention. Wash contaminated clothing.

Ingestion: Do not induce vomiting or give anything to drink. If victim is drowsy or unconscious, place on left side with head down. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Fire fighting measures

Extinguishing Media: Use powder, foam, or CO₂. Do not use water jet(may spread fire).

Decomposition/Combustion Products: Oxides of carbon.

Special Fire Fighting Procedures: Water spray to cool drums.

Explosive Properties:

LEL: N/D

UEL: N/D

SECTION 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled: Use proper personal protective equipment. Stay upwind and away from spill. If spill is indoors, ventilate area. Keep out of drains, sewers or waterways. Use sand or other inert material to contain and soak up spill.

Waste disposal method: Dispose of according to local, state and federal regulations in an approved disposal facility or recycling facility.

SECTION 7. HANDLING AND STORAGE

Storage: Store in a well-ventilated area. Keep container tightly closed when not in use. Store in cool, dry area.

Handling: Use proper personal protective equipment. Avoid contact with skin or eyes. Avoid breathing of vapors. Handle in well-ventilated workspace. When handling do not eat, drink, or smoke.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Keep work area well ventilated.

Protective clothing: Impermeable gloves and impervious clothing as appropriate.

Eye protection: Chemical goggles where splashing may occur.

Respiratory Protection: Use appropriate respiratory protection when handling or in case of insufficient ventilation.

Special Protection: Safety shower, eye bath, and washing facilities should be available.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Specific gravity @ 75°F(H₂O = 1): 1.066

Flash Point(PMCC Method)(°F): None

Vapor density (Air = 1): N/D

Solubility: Complete

Vapor pressure @ 75: 16.4mmHg

Evaporation Rate: N/D

Appearance: Yellow to clear liquid

Odor: Pungent

Boiling Point(°F): N/D

Percent Volatile by Volume: N/D

pH: 3.1-4.5

Viscosity: 4-8cps

Auto-ignition: N/D

SECTION 10. STABILITY AND REACTIVITY

Stability and Reactivity: Stable in normal conditions.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Smoke, carbon oxides.

Hazardous Polymerization: None described.

SECTION 11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients: Irritating to eyes and skin.

Immediate Health Effects: Irritation.

Delayed Health Effects: Defatting of skin with frequent or prolonged skin contact.

Acute Effects (Short term): -N/D

Chronic Effects (Long term): -N/D

SECTION 12. ECOLOGICAL INFORMATION

Persistence and Degradability: All the components are biodegradable.

Biodegradation: N/D

ErC50 (72 hours) Skeletonema costatum: N/D

LC50 (48 hours) Acartia tonsa: N/D

LC50 (10 days) Corophium voliotator: N/D

Bioaccumulative Potential: Low

Aquatic Toxicity: 48 HR LC50 (mysid shrimp): N/D

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal: If spilled, dispose according to local, state, and federal regulations. Recycle waste containers and clean out residues.

SECTION 14. TRANSPORT INFORMATION

DOT Transport Information:

UN 2922, Corrosive Liquid, Toxic, N.O.S. (Glutaraldehyde) 8, (6.1) PGII

Marine Pollutant (Glutaraldehyde)

Labels (corrosive, poison, marine pollutant)

IMDG : Emergency schedules F-A S-B

SECTION 15. REGULATORY INFORMATION

Toxic Substances Control Act (TCSA): All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

CERCLA RQ-40 CFR 302.4(a)

Component

None

CERCLA RQ (lbs)

SARA 302 Components-40 CFR 355 Appendix A

Component

None

TPQ(Threshold Planning Quantity) (lbs)

Section 311/312 Hazard Class-40 CFR 370.2

Immediate (X)

Delayed (X)

Fire ()

Reactive ()

Sudden Release of Pressure ()

SARA 313-40 CFR 372.65

Component

None

CAS Number

%

SECTION 16. OTHER INFORMATION

NFPA RATING: Health (3) Fire (0) Reactivity (0)

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N/D= No data; N/A = Not available; N/E= Not established