

# Material Safety Data Sheet

## Section I

CLI Part #: 1051/1071  
CLI Description: Aromatic Amine Decontamination Solution  
Synonyms: CLI Aromatic Amine Decontamination Solution  
Manufacturer: Colormetric Laboratories, Inc.  
Emergency phone: 847-803-3737  
Address: 1261A Rand Road  
City, State, Zip: Des Plaines, IL 60016  
MSDS prepared by: Colormetric Laboratories, Inc.  
Date prepared: Jan 09

## Section II. Hazardous Ingredients/Identity Information

Trade Name: **Colormetric Laboratories Aromatic Amine Decontamination Solution**

<u>Ingredient Name</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>%</u>
Glutaraldehyde (1,5 pentanedial)	111-30-8	0.2 ppm		0.6

## Section III. Chemical Characteristics

Boiling point	97°C	Weight per gallon	9.5 lbs
Melting point	-2°C	pH	
Freezing point	0°C	Conc.	
Specific gravity 1.03 (H <sub>2</sub> O = 1)		Vapor density (air = 1)	3.5
Percent volatile by volume		Vapor pressure	15 mmHg@ 20°C
Theoretical VOC		Density	
Evaporation rate		Reactivity in water	
Solubility in water	miscible	Appearance and odor:	pale yellow with slight lemon odor

## Section IV. Fire and Explosion Hazard Data

Flash point	None	HMIS codes:	Health
Method			Flammability
Flammable limits Upper			Reactivity
In air (%)	Lower		Protection
Auto-ignition temp.			
Extinguisher media:	compatible with water spray		
Special fire fighting procedures:	wear self-contained breathing apparatus		
Unusual Fire and Explosion Hazards:	emits toxic fumes under fire conditions		

## Section V. Reactivity Data

Is this chemical stable under normal conditions of handling/storage (Y/N)? Yes  
Conditions to avoid regarding stability: avoid freezing, may discolor upon exposure to air  
Incompatibility (materials to avoid): strong oxidizing agents  
Hazardous decomposition products: toxic fumes of carbon monoxide and carbon dioxide  
Hazardous polymerization possible (Y/N)? NO  
Conditions to avoid (regarding polymerization):

**Section VI.** Health Hazards

Routes of entry: inhalation, skin, ingestion

Signs and symptoms of acute exposure: irritation effects noted at 0.3 ppm

Chronic overexposure:

Chemical listed as a carcinogen or potential carcinogen: none noted

National Toxicology Program

IARC Monographs

OSHA

YES, pro-chronic studies Test 7/1989

(Y/N)

(Y/N)

Medical conditions generally aggravated by exposure: may cause breathing difficulty in sensitive individuals

**Emergency and First Aid Procedures**

**Emergency telephone number of manufacturer: 847-803-3737**

1. Inhalation: remove to fresh air
2. Eye contact: flush with copious amounts of water
3. Skin contact: flush with copious amounts of water
4. Ingestion: consult a physician

**Section VII.** Precautions for Safe Handling and Use

Hazard class

US DOT I.D.

UN/NA number

Precautions to be taken in handling and storage: store upright at room temperature

Other precautions: protect from freezing

Steps to be taken in case material is released or spilled: mop up spill, rinse with water

**Section VIII.** Control Measures

Respiratory protection: wear approved respirator if vapor is irritating

Ventilation requirements:

Local exhaust recommended

Mechanical

Special

Protective gloves: recommended

Eye protection: eyewash station

Other protective clothing or equipment: safety shower, wash protective clothing before reuse

Waste disposal: rinse container with water; do not reuse. Dilute with water to below 10 ppm. Consult state and federal EPA requirements.