

# Material Safety Data Sheet

## Section I

CLI Part #: 1052  
CLI Description: Isocyanate Decontamination Solution  
Synonyms: CLI Isocyanate 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 Isocyanate Decontamination Solution**

<u>Ingredient Name</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>%</u>
2-butoxy ethanol	111-76-2 25 ppm	25 ppm (skin)	(skin)	<10
surfactants		none est.	none est.	
buffers		none est.	none est.	
1% amonia	7664-41-7	25 ppm	25 ppm	1

## Section III. Chemical Characteristics

Boiling point: 100°C	Weight per gallon: 9.5 lbs
Melting point: N/A	pH: 10.5
Freezing point: -9°	Conc.:
Specific gravity: 1.026 (H <sub>2</sub> O = 1)	Vapor density: 1.3 (air = 1)
Percent volatile: by volume	Vapor pressure: 30mmHg@38°C
Theoretical VOC:	Density:
Evaporation rate: N/A	Reactivity in water: none
Solubility in water: miscible	Appearance and odor: transparent green with ammonia odor

## Section IV. Fire and Explosion Hazard Data

Flash point: non-flammable  
Method:  
Flammable limits Upper  
in air (%) Lower  
Auto-ignition temp.:  
Extinguisher media: compatible with water spray  
Special fire fighting procedures: none required  
Unusual Fire and Explosion Hazards: none

HMIS codes: Health  
Flammability  
Reactivity  
Protection

## Section V. Reactivity Data

Is this chemical stable under normal conditions of handling/storage (Y/N)? Yes  
Conditions to avoid regarding stability: temperatures above 50°C  
Incompatibility (materials to avoid): bleach, acids  
Hazardous decomposition products:none known

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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: mild inhalation and skin irritant

Chronic overexposure:

Chemical listed as a carcinogen or potential carcinogen:

National Toxicology Program	IARC Monographs	OSHA
Isocyanate Decontamination Solution	(Y/N) No	(Y/N) No

Medical conditions generally aggravated by exposure:

**Emergency and First Aid Procedures**

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

1. Inhalation: remove to fresh air
2. Eye contact: flush with water
3. Skin contact : flush with water
4. Ingestion: do not induce vomiting; give several glasses of water and consult 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: avoid prolonged skin contact

Steps to be taken in case material is released or spilled: wet mop area

**Section VIII. Control Measures**

Respiratory protection : avoid exposure to ammonia in closed areas

Ventilation requirements:

Local exhaust: acceptable

Mechanical:

Special:

Protective gloves: recommended

Eye protection: splash goggles

Other protective clothing or equipment:

Waste disposal: non-hazardous, biodegradable; consult local EPA requirements