



Centurion NDT

"Quality That is Made in America"

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Safety Data Sheet UC-5 Ultrasonic Couplant

Product and Company Identification

Product Name: UC-5 Ultrasonic Couplant
Revision Date: 03/22/2017
SDS Number: 100
CAS Number: Mixture
Chemical Family: Water Solution
Chemical Formula: *** Proprietary ***
Synonyms: Not Applicable
Product Use: Ultrasonic Testing

Manufacturer:

Centurion NDT
1400 Yorkshire Drive
Streamwood, IL 60107

Sales: 630.736.5500
FAX: 630.736.5700
Email: sales@centurionndt.com
Web: www.centurionndt.com

**CHEMTREC (24 HR Emergency Telephone), call:
1-800-424-9300**

Hazards Identification

THRESHOLD LIMIT VALUE: Not established

ROUTES OF ENTRY, EFFECTS OF OVEREXPOSURE, EMERGENCY AND FIRST AID

Inhalation: Vapors not hazardous
Skin Contact: Not Hazardous. Wash off with water.
Eye Contact: Irritating. Rinse copiously with water.
Ingestion: Possible gastric upset. See physician if severe.
Carcinogenicity: Contains no known or suspected carcinogens listed with OSHA, International Agency for Research on Cancer Monographs, or the National Toxicology Programs Annual Report of Carcinogens.

Medical Conditions Known to be Aggravated by Exposure to Products: None

Composition/information on Ingredients

Ingredients:

Chemical Name	CAS #	% by Weight
Water	7732-18-5	98.5 %
Hydroxypropyl Methylcellulose	9004-65-3	1.3 %
Potassium Hydroxide	1310-58-3	> 1.0%
Sodium Nitrite	7632-00-0	>.07 %
Biocide		>.03 %
Rhodamine B	81-88-9	>>.001%

First-Aid Measures

Inhalation:	Vapors not volatile
Skin Contact:	Not hazardous. Wash off with water.
Eye Contact:	Irritating. Rinse copiously with water.
Ingestion:	Possible gastric upset. See physician if severe.

Fire-Fighting Measures

Flash Point:	None
Flammable Limits in Air:	None
Extinguishing Media:	N/A
Special Fire Fighting Procedures:	None
Unusual Fire Hazards:	None

Accidental Release Measures

Spill Release Procedures:	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste container. Treat as ordinary non-hazardous waste.
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Handling and Storage

General:	Avoid repeated or prolonged skin contact. Keep out of eyes. Store in a cool place away from heat sources.
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Exposure Control/Personal Protection

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep airborne concentration of vapors to a minimum. Ensure that eyewash stations and safety showers are proximal to the workstation location.

Personal Protection: Safety glasses/face shield. Lab coat. Nitrile rubber gloves if skin contact is unavoidable.

Exposure Limits: Not available.

Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Not available.

Taste: Not Available.

Color: Light Pink

pH (1% soln/water): 7.0

Boiling Point: 212°F.

Specific Gravity: 1.0983 (Water = 1)

Volatility: Not Available.

Solubility: Easily soluble in cold water, hot water, methanol. Soluble in diethyl ether.

Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not Available.

Corrosivity: Non-corrosive in presence of glass.

Polymerization: No.

Toxicological Information

Routes of Entry: Not available.

Chronic Effects on Humans: Not available.

Other toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not Available.

Special remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not Available.

Other Information

References: Not Available.

Other Special Considerations: Not Available.

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Disclaimer:

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**** End of Record ****