

# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

# U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



**IDENTITY** (As used on Label and List)  
CHEM-CREST 2000X

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

## Section I

Manufacturer's Name  
CREST ULTRASONICS CORPORATION

Emergency Telephone Number  
(800) 424-9300 (Chemtrec)

Address (Number, Street, City, State, and ZIP Code)  
SCOTCH ROAD, MERCER COUNTY AIRPORT

Telephone Number for Information  
(609) 883-4000

TRENTON, NJ 08628

Date Prepared November 22, 2004

Signature of Preparer (optional)

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	C.A.S. #
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NONE OF THE INGREDIENTS ARE REGULATED UNDER SARA TITLE III SECTION 313 OR CERCLA SOURCE LIST 1.

### COMPONENTS:

Component Name	OSHA PEL	ACGIH TLV	Other Limits Recommended	C.A.S. #
NON-IONIC SURFACTANT BLEND (PROPRIETARY)	NOT ESTABLISHED			
2-METHYL-2, 4-PENTANEDIOL	3-7 g/Kg (Rats)			107-41-5

HEALTH	1	FIRE	0
REACTIVITY	0	CORROSION	0

## Section III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H <sub>2</sub> O = 1)	1.0 +/- 0.05
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water COMPLETE

Appearance and Odor COLORLESS, SURFACTANT ODOR

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) NO FLASH	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media NO FIRE HAZARD

Special Fire Fighting Procedures NONE

Unusual Fire and Explosion Hazards NONE

**Section V - Reactivity Data** (CHEM-CREST 2000X)

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section VI - Health Hazard Data**

Route(s) of Entry: Inhalation? YES Skin? YES Ingestion? YES

Health Hazards (Acute and Chronic) CAN CAUSE EXTREME DAMAGE TO EYES, IRRITATION TO SKIN AND DIGESTIVE TRACT, AND BREATHING

OF MIST CAN CAUSE IRRITATION AND DAMAGE TO THROAT AND RESPIRATORY SYSTEM.

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure IRRITATION (BURNING) OF SKIN, EYES, NASAL PASSAGES, AND THROAT.

Medical Conditions

Generally Aggravated by Exposure CAN AGGRAVATE EYE, SKIN, RESPIRATORY, AND DIGESTIVE SYSTEM CONDITIONS.

Emergency and First Aid Procedures IN EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. SEE PHYSICIAN IMMEDIATELY. IF SWALLOWED: GIVE LARGE AMOUNTS OF WATER TO DILUTE. SEE PHYSICIAN. IF MIST INHALED: GIVE OXYGEN IF NECESSARY. GET MEDICAL ATTENTION.

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

Steps to Be Taken in Case Material is Released or Spilled USE ABSORBENT TO PICK UP MAJOR PORTION. WASH DOWN DRAIN WITH LARGE QUANTITY OF WATER. SOLUTION OF MATERIAL IS SLIPPERY AND CARE SHOULD BE USED WHEN WALKING IN AREA OF SPILL.

Waste Disposal Method VIRGIN WATER SOLUTION IS BIODEGRADABLE AND CAN BE FLUSHED DOWN SEWER IN ACCORDANCE WITH APPLICABLE REGULATIONS.

Precautions to Be Taken in Handling and Storing PROTECTIVE EQUIPMENT SHOULD BE WORN WHEN HANDLING THIS MATERIAL. EYE WASH SHOULD BE AVAILABLE IN AREA.

Other Precautions KEEP CONTAINER CLOSED WHEN NOT IN USE.

**Section VIII - Control Measures**

Respiratory Protection (Specify Type) NONE NECESSARY WHEN USED AS DIRECTED.

Ventilation	Local Exhaust	YES	Special
	Mechanical (General)	YES	Other

Protective Gloves PVC LINED GLOVES Eye Protection CHEMICAL SPLASH GOGGLES

Other Protective Clothing or Equipment PROTECTIVE CLOTHING.

Work/Hygienic Practices AVOID SPLASHING AND SPILLING. EYE WASH SHOULD BE AVAILABLE IN AREA.

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THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED, RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE TO THEIR CIRCUMSTANCES.