

# 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 25

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. #
POLYOXYETHYLENE ETHER 42-7		N.E.		61827-
MIXTURE (PROPRIETARY)				
SODIUM METASILICATE 92-0		N.E.	LD <sub>50</sub> 800mg/kg (Rats)	6834-
PROPYLENE GLYCOL ETHER 49-1		N.E.	3200mg/kg (Rats)	25498-
ALKYL ETHER HYDROXPROPYL SULTAINE 84-8		N.E.		108797-
108797-85-9				
NON-IONIC SURFACTANT (PROPRIETARY) 73-3		N.E.		68515-

## Section III - Physical/Chemical Characteristics

Boiling Point	>212°F	Specific Gravity (H <sub>2</sub> O = 1)	1.02
Vapor Pressure (mm Hg.)	N.E.	Melting Point	N/A
Vapor Density (AIR = 1)	N.E.	Evaporation Rate (Butyl Acetate = 1)	N.E.

Solubility in Water COMPLETE

Appearance and Odor CLEAR TO HAZY LIGHT BROWN LIQUID

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	N.E.	Flammable Limits	LEL	UEL
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Extinguishing Media WATER SPRAY, DRY CHEMICAL

Special Fire Fighting Procedures  
NONE

Unusual Fire and Explosion Hazards  
NONE

**Section V - Reactivity Data** (CHEM-CREST 25)

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?                      Skin?                      Ingestion?

Health Hazards (Acute and Chronic)

MUCOUS MEMBRANE AND SKIN IRRITATION

Carcinogenicity:                      NTP?                      NO                      IARC Monographs?                      NO                      OSHA Regulated?                      NO

Signs and Symptoms of Exposure

SKIN RASH

Medical Conditions  
Generally Aggravated by Exposure

NOT DETERMINED

Emergency and First Aid Procedures    INHALATION: MOVE TO FRESH AIR. EYES: FLUSH WITH COOL WATER AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, CONTACT PHYSICIAN. SKIN: RINSE THOROUGHLY 15 MINUTES OR MORE. WASH CLOTHING BEFORE REUSING.  
INGESTION: IF CONSCIOUS, DRINK 2-4 GLASSES OF WATER. DO NOT INDUCE VOMITING. OBTAIN MEDICAL AID.

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

Steps to Be Taken in Case Material is Released or Spilled

WITH HIGH DILUTION, CAN BE DIRECTED TO MUNICIPAL SEWER. VERIFY WITH LOCAL AUTHORITY.

Waste Disposal Method

FLUSH TO SEWAGE.

Precautions to Be Taken in Handling and Storing

KEEP IN AREA AWAY FROM HEAT SOURCES. CONTAINERS MUST BE CLOSED TIGHTLY.

Other Precautions

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)    MIST CARTRIDGE RESPIRATORS

Ventilation	Local Exhaust	Special
	Mechanical (General) X	Other
Protective Gloves		Eye Protection CHEMICAL GOGGLES
Other Protective Clothing or Equipment EMERGENCY SHOWER AND EYE WASH FOUNTAIN SHOULD BE ACCESSIBLE.		
Work/Hygienic Practices		

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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.