

**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 ADS 918

*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 January 4, 2005
	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. #
ANIONIC AND NONIONIC SURFACTANT, PROPRIETARY		N.E.	N.A.	
SODIUM METASILICATE		N.E.	N.A.	6834-92-01

INGREDIENTS ARE CONSIDERED NON-HAZARDOUS IN ACCORDANCE WITH SARA TITLE III.

Health	2	Flammability	0
Stability	0	ALKALINE	

**Section III - Physical/Chemical Characteristics**

Boiling Point	N.A.	Specific Gravity (H <sub>2</sub> O = 1)	1.08
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 LIGHT ORANGE, 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 ADS 918)

Stability	Unstable		Conditions to Avoid
	Stable	X	

**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:                      NONE                      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    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.