



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 103	<i>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.</i>
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Section I	
Manufacturer's Name CREST ULTRASONICS CORPORATION	Emergency Telephone Number (800) 424-9300 (Chemtree)
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.
NONYLPHENOXYPOLYETHOXYETHANOL 127087-87-0		NOT ESTABLISHED	N/A	
HEXYLENE GLYCOL 107-41-5		20PPM	N/A	
COCONUT DIETHANOLAMIDE 68440-04-0		NOT ESTABLISHED	N/A	
DISTILLED WATER 7732-18-6		NOT ESTABLISHED	N/A	

Section III - Physical/Chemical Characteristics			
Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.02
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-YELLOW, CLOUDY. SLIGHT AMINE ODOR.			

Section IV - Fire and Explosion Hazard Data			

Flash Point (Method Used) NO FLASH | Flammable Limits N/A | LEL N/A | UEL N/A

Extinguishing Media NO FIRE HAZARD

Special Fire Fighting Procedures
NONE

Unusual Fire and Explosion Hazards
NONE

Section V - Reactivity Data (Chem-Crest 103)

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid) NONE

Hazardous Decomposition or Byproducts NONE

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 ANY. WATER SOLUTION IS BIODEGRADABLE AND CAN BE FLUSHED DOWN SEWER IN ACCORDANCE WITH APPLICABLE REGULATIONS.

