

MATERIAL SAFETY DATA SHEET



SECTION I. PRODUCT IDENTITY

PRODUCT NAME

DIRL-LUM 603

CHEMICAL NAME

POWDERED SONIC CLEANER

CHEMICAL FAMILY

POWDERED ALKALINE CLEANER

DATE MSDS WAS PREPARED

OCTOBER 1, 1995

MSDS WAS PREPARED BY

MDJ/CTB

COMPANY NAME

**BLUE WAVE
ULTRASONICS**

ADDRESS

960 S. ROLFF STREET
DAVENPORT, IA 52802

PHONE NUMBER

1-800-373-0144

EMERGENCY PHONE NUMBER

Chemtrec 1-800-424-9300

SECTION II. HAZARDOUS IDENTIFICATION & INFORMATION

The composition of this mixture may be proprietary information. In the event of a medical emergency, compositional information will be provided to a physician or nurse. The following is a list of hazardous materials, as defined in CFR title 29 part 1910.1200, contained within this mixture.

COMPONENTS - Chemical Name or Common Name Hazardous Components 1% or greater, Carcinogens 0.1% or greater	CAS Number	APPROX. %(WT)	OSHA PEL	ACGIH TLV
SODIUM METASILICATE Contains no Carcinogens	006834-92-0	<30%	2 mg/m ³	2 mg/m ³

SECTION III. PHYSICAL & CHEMICAL PROPERTIES

Boiling Point / Range °F	NA	Specific Gravity(70°F)	59 lbs/ft ³
Vapor Pressure(mm Hg at 70°F)	NA	pH(0-14) at 1%	12.00
Specific Gravity of Vapor	NA	Evaporation Rate	NA
at 1 ATM(Air=1)		n-Butyl Acetate = 1	
Solubility in Water	15 %	Freezing/Melting Point	NA

APPEARANCE and ODOR

Appearance	Pinl: Powder	Odor	Surfactant
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SECTION IV. FIRE & EXPLOSION HAZARD

Auto-ignition Temperature(°F)	NA	Flash Point Temperature(°F)	NA
FLAMMABILITY LIMITS IN AIR(% BY VOLUME)		LEL	UEL
EXTINGUISHER MEDIA:	Water, Foam, or Carbon Dioxide	NA	NA
SPECIAL FIRE-FIGHTING PROCEDURES:	NONE		
UNUSUAL FIRE and EXPLOSION HAZARDS:	NONE		

SECTION V. REACTIVITY DATA

STABILITY

Conditions to avoid

Unstable			
Stable	Yes	None	

INCOMPATIBILITY(Materials to avoid)

Strong Acids

HAZARDOUS DECOMPOSITION BY-PRODUCTS

Carbon Monoxide, Carbon Dioxide and Nitrogen Oxide

HAZARDOUS POLYMERIZATION

Conditions to avoid

Will Occur			
Will Not Occur	Yes	None	

SECTION VI. HEALTH HAZARD DATA and FIRST AID

EYE CONTACT: Powder Dust can be an irritant to eyes. Flush eyes immediately with plenty of water for at least 15 minutes. Call a physician if vision is blurred or if irritation persists.

SKIN CONTACT: Rinse with water. If irritation occurs, continue to rinse with water.

INGESTION: If swallowed, consult a physician immediately. Do Not Induce vomiting.

INHALATION: If dust causes breathing difficulties or distress, move person to fresh air.

SECTION VII. SPILL CONTROL PROCEDURE

LAND SPILL: An absorbent material should be used to pick up liquid form. Powder form can be scooped up. Disposal in land fill is adequate. Small amounts can be flushed to sanitary sewer with water.

WATER SPILL: This product is water soluble and biodegradable.

SECTION VIII. CONTROL MEASURES & PERSONAL PROCEDURES

VENTILATION: Standard ventilation is adequate.

RESPIRATORY PROTECTION: Not Necessary.

EYE PROTECTION: Safety glasses are recommended.

PROTECTIVE CLOTHING: None Necessary.

HMIS RATING: Health-1, Flammability-0, Reactivity-0, Personal Protection-A	NFPA RATING: Health-1 Flammability-0, Reactivity-0, Special-__
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SECTION IX. DOT CLASSIFICATION

U.S. DOT CLASSIFICATION: COMPOUND CLEANING SOLID

LABELS REQUIRED: Not a hazardous substance.

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