

# MATERIAL SAFETY DATA



PRODUCT NAME:

**DIRL-LUM 603**

**CHEMICAL NAME:** POWDERED SONIC CLEANER

**CHEMICAL FAMILY:** POWDERED ALKALINE CLEANER

**MANUFACTURER NAME:** BLUE WAVE ULTRASONICS

**PHONE NUMBER(FOR INFO):** 1-800-373-0144

**ADDRESS:** 960 S. ROLFF STREET DAVENPORT, IA 52802

**EMERGENCY PHONE NUMBER:** 1-800-535-5053 INFOTRAC

**MSDS PREPARED BY:** MDJ/CTB

**DATE MSDS WAS PREPARED:** October 19, 2010

## SECTION I: MATERIAL IDENTIFICATION AND 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	CAS NUMBER	APPROXIMATE % (Weight)	AIR CONTAMINATE LEVELS		
			TLV (ppm)	STEL (ppm)	CEILING (ppm)
Hazardous Components 1% or greater, Carcinogens 0.1% or greater					
SODIUM METASILICATE	6834-92-0	<30%	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	

## SECTION II: PHYSICAL PROPERTIES / CHEMICAL CHARACTERISTICS

BOILING POINT / RANGE	N/D
FREEZING POINT	N/D
VAPOR PRESSURE (MM Hg)	N/D
VAPOR DENSITY (AIR=1)	N/D
EVAPORATION RATE (N-Butyl Acetate =1)	N/D

pH: (1% SOLUTION)	12.00
SPECIFIC GRAVITY (Water=1)	59 lbs/ft <sup>3</sup>
SOLUBILITY IN WATER	15%
APPEARANCE:	PINK POWDER
ODOR	SURFACTANT

## SECTION III: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method)	AUTO-IGNITION TEMP	FLAMMABLE LIMITS	UPPER:	LOWER:
N/D	N/D	(% VOLUME IN AIR)	N/D	N/D

RECOMMENDED EXTINGUISHING MEDIA:	CO <sub>2</sub> , Dry Chemical, or Foam Extinguisher or Water Fog.
FIRE FIGHTING PROCEDURES:	NONE
UNUSUAL FIRE & EXPLOSION HAZARDS:	NONE

## SECTION IV: HEALTH HAZARDS / POTENTIAL EFFECTS OF EXPOSURE

EYE CONTACT:	Direct contact may cause severe irritation.
SKIN CONTACT:	May cause mild skin irritation.
INHALATION:	May cause mild irritation.
INGESTION:	NONE

**SECTION V: FIRST AID MEASURES**

EYE CONTACT:	Flush eye with copious amounts of water immediately. Continue for at least 15 minutes. If irritation persists seek medical attention. Continue for at least 15 minutes. If irritation persists seek medical attention.
SKIN CONTACT:	Wash with water to remove concentrate or dilution. If irritation persists seek medical attention.
INGESTION:	Do not induce vomiting. Drink large quantities of water.
INHALATION:	Remove to fresh air.

**SECTION VI: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

EYE PROTECTION:	None Necessary.
SKIN PROTECTION:	None Necessary.
VENTILATION:	Use in a well ventilated area.

**SECTION VII: REACTIVITY DATA**

STABILITY:	Stable
INCOMPATIBILITY:	Inorganic Acids, and Amphoteric Metals.
HAZARDOUS DECOMPOSITION PRODUCTS:	Silicon Dioxide, Carbon Dioxide, Carbon Monoxide and traces of incompletely burned carbon products.
HAZARDOUS POLYMERIZATION:	Will not occur.

**SECTION VIII: DISPOSAL CONSIDERATIONS**

DISPOSAL METHOD:	Disposal should be made in accordance with federal, state, and local regulations.
------------------	---

**SECTION IX: SHIPPING INFORMATION**

DOT DESCRIPTION:	COMPOUNDS, CLEANING LIQUID
DOT HAZARDOUS MATERIAL LABELS:	NONE

**SECTION X: STORAGE INFORMATION**

STORAGE:	Store in a cool dry place, out of direct sunlight
HMIS	Health - 1, Flammability-0, Reactivity-0 Personal Protection-A
NFPA	Health - 1, Flammability-0 Reactivity-0 Special-

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, expressed or implied.