

MATERIAL SAFETY DATA SHEET



MANUFACTURER NAME:

BLUE WAVE ULTRASONICS
960 SOUTH ROLFF STREET, DAVENPORT, IOWA 52802

PRODUCT NAME:

DIRL-STRIP 606(4 oz/gal)

CHEMICAL NAME:

HEAVY DUTY SONIC CLEANER

CHEMICAL FAMILY:

ALKALINE CLEANER SOLUTION

DATE MSDS WAS PREPARED: DEC 20, 06

MSDS PREPARED BY: MDJ/CTB

PHONE NUMBER(FOR INFORMATION):

1-800-373-0144

EMERGENCY PHONE NUMBER:

1-800-424-9300 Chemtrec

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	STEL	CEILING (ppm)
Hazardous Components 1% or greater, Carcinogens 0.1% or greater					
SODIUM HYDROXIDE	1310-73-2	<2%	2 mg/m ³		2 mg/m ³
NONE					

SECTION II: PHYSICAL PROPERTIES / CHEMICAL CHARACTERISTICS

BOILING POINT / RANGE	N/D	pH:	13.52
FREEZING POINT	32 F	SPECIFIC GRAVITY (Water=1)	1.036 Kg/l
VAPOR PRESSURE (MM Hg)	N/D	SOLUBILITY IN WATER	TOTAL
VAPOR DENSITY (AIR=1)	N/D	APPEARANCE:	BROWN LIQUID
EVAPORATION RATE	N/D	ODOR	SURFACTANT
(N-Butyl Acetate =1)			

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: CO2, Dry Chemical, or Foam Extinguisher or Water Fog.

FIRE FIGHTING PROCEDURES: Prevent human exposure to fire, smoke and products of combustion. Evacuate non-essential personnel. Firefighters should wear full face, self contained breathing apparatus and impervious protective clothing.

UNUSUAL FIRE & EXPLOSION HAZARDS: Material can generate explosive hydrogen gas on contact with certain metals and reacts violently with water. Runoff from fire control may cause pollution.

SECTION IV. HEALTH HAZARDS

POTENTIAL EFFECTS OF EXPOSURE

EYE CONTACT: Contact with product may cause severe irritation, corneal burns and severe tissue destruction.
SKIN CONTACT: Contact may cause pain, severe burns, tissue destruction and skin damage.
INHALATION: Not normally a problem.
INGESTION: Ingestion may cause burns.

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.
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. Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. Call a physician.
INHALATION: Remove to fresh air.

SECTION VI. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EYE PROTECTION: Always wear eye protection. Do not wear contact lenses.
SKIN PROTECTION: Impervious gloves are recommended.
VENTILATION: Use in a well ventilated area.
OTHER: A safety shower and eye wash are recommended.

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/NFPA

HMIS	Health - 2,	Flammability-0,	Reactivity-0	Personal Protection-A
NFPA	Health - 2,	Flammability-0	Reactivity-0	Special-

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