

MATERIAL SAFETY DATA



PRODUCT NAME:

BW-8100

CHEMICAL NAME: COMPOUND CLEANING LIQUID

CHEMICAL FAMILY: LIQUID 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: September 22, 2014

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		
			OSHA PEL	ACHGIH TLV	
Hazardous Components 1% or greater, Carcinogens 0.1% or greater					
Phosphoric Acid	007664-38-2	<15%	1 mg/m ³	1 mg/m ³	
Muratic Acid	007647-01-0	<15%	7 mg/m ³	7 mg/m ³	

SECTION II: PHYSICAL PROPERTIES / CHEMICAL CHARACTERISTICS

BOILING POINT / RANGE	>212 Deg. F
FREEZING POINT	23 Deg. F
VAPOR PRESSURE (MM Hg)	N/D
VAPOR DENSITY (AIR=1)	N/D
EVAPORATION RATE (N-Butyl Acetate =1)	N/D

pH: (1% SOLUTION)	0.5-1.0
SPECIFIC GRAVITY (Water=1)	1.16 kg/l
SOLUBILITY IN WATER	15%
APPEARANCE:	Clear Liquid
ODOR	Chlorine

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:	Water, Foam or Carbon Dioxide
FIRE FIGHTING PROCEDURES:	Use cool water spray to cool fire exposed container surfaces
UNUSUAL FIRE & EXPLOSION HAZARDS:	Keep solution away from soft metals, contact will cause flammable hydrogen gas that may explode

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:	May cause severe irritation.

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BLUE WAVE ULTRASONICS ISO 9001:2008 QUALITY SYSTEM IS REGISTERED BY QMI

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 and remove contaminated clothing. If irritation persists seek medical attention.
INGESTION:	Do not induce vomiting. Do not give carbonates to patient. Drink large quantities of water. Call physician.
INHALATION:	Remove to fresh air. Have patient lie down and keep quiet. Apply CPR if needed. Call physician.

SECTION VI: EXPOSURE CONTROLS AND PERSONAL PROTECTION

EYE PROTECTION:	Safety glasses or goggles are recommended.
SKIN PROTECTION:	Rubber gloves and an apron are recommended.
VENTILATION:	Use in a well ventilated area.

SECTION VII: REACTIVITY DATA

STABILITY:	Stable
INCOMPATIBILITY:	Alkaline Solutions and Oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Monoxide, Carbon Dioxide, Phosphorous Oxide and Chlorine
HAZARDOUS POLYMERIZATION:	Will not occur.

SECTION VIII: DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:	Disposal should be made in accordance with federal, state, and local regulations.
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SECTION IX: SHIPPING INFORMATION

DOT DESCRIPTION:	CORROSIVE LIQUID, N.O.S.,8,UN1760,PGII
DOT HAZARDOUS MATERIAL LABELS:	CORROSIVE

SECTION X: STORAGE INFORMATION

STORAGE:	Store in a cool dry place, out of direct sunlight
HMIS	Health - 3, Flammability-0, Reactivity-2, Personal Protection-C
NFPA	Health - 3, Flammability-0 Reactivity-2 Special-COR

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