

MATERIAL SAFETY DATA



PRODUCT NAME:

DIRL-HIB II

CHEMICAL NAME: RUST INHIBITOR CONCENTRATE

CHEMICAL FAMILY: LIQUID RUST INHIBITOR

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					
NO HAZARDOUS MATERIALS					

SECTION II: PHYSICAL PROPERTIES / CHEMICAL CHARACTERISTICS

BOILING POINT / RANGE	212 °F
FREEZING POINT	32 °F
VAPOR PRESSURE (MM Hg)	N/D
VAPOR DENSITY (AIR=1)	N/D
EVAPORATION RATE (N-Butyl Acetate =1)	1.000

pH: (1% SOLUTION)	11 - 11.3
SPECIFIC GRAVITY (Water=1)	1.19 Kg/l
SOLUBILITY IN WATER	100%
APPEARANCE:	AMBER LIQUID
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:	CO2, Dry Chemical, or Foam Extinguisher or Water Fog.
FIRE FIGHTING PROCEDURES:	Use water to cool containers exposed to fire.
UNUSUAL FIRE & EXPLOSION HAZARDS:	NONE

SECTION IV: HEALTH HAZARDS / POTENTIAL EFFECTS OF EXPOSURE

EYE CONTACT:	Direct contact may cause moderate irritation.
SKIN CONTACT:	May cause mild skin irritation.
INHALATION:	NONE
INGESTION:	May cause irritation to throat and stomach.

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.
INHALATION:	Remove to fresh air.

SECTION VI: EXPOSURE CONTROLS AND PERSONAL PROTECTION

EYE PROTECTION:	None Necessary.
SKIN PROTECTION:	None Necessary.
VENTILATION:	None Necessary.

SECTION VII: REACTIVITY DATA

STABILITY:	Stable
INCOMPATIBILITY:	VERY STRONG ACIDS, STRONG OXIDIZERS
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Dioxide, Nitrogen Oxide, 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.
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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-

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