

MATERIAL SAFETY DATA SHEET

BFW 0106 RC

Latest Revision Date...07/19/06

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SECTION 1

MANUFACTURER INFORMATION

HYDRO-ZONE, INC.
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(800) 255-3924

SECTION 2

PRODUCT IDENTIFICATION

PRODUCT NUMBER..... HZ 0106RC
TRADE NAME OR CHEMICAL NAME... BFW 0106 RC
SYNONYMS..... NA
CHEMICAL FAMILY..... Internal Boiler Water Treatment
NFPA - HEALTH HAZARD..... 2
FIRE HAZARD..... 0
REACTIVITY HAZARD..... 0
NFPA SCALE..... 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant
KEY..... NA= Not Applicable ND= Not Determined

SECTION 3

HAZARDOUS INGREDIENTS

<u>CHEMICAL NAME(S)</u>	<u>CAS NUMBER</u>	<u>% WT</u>	<u>TLV-TWA</u>	<u>PEL</u>	<u>SEC. 313</u>	<u>CARCINOGEN?</u>
Potassium Hydroxide	1310-58-3	<5	2 mg/m3	2 mg/m3	No	No
Morpholine	110-91-8	<5	20 ppm	20 ppm	No	No
Diethylaminoethanol	100-37-8	<5	10 ppm	10 ppm	No	No

SECTION 4

SHIPPING DATA

D.O.T. PROPER SHIPPING NAME... NA
D.O.T. HAZARD CLASS..... NA
D.O.T. LABELS REQUIRED..... NA
UN/NA I.D. NUMBER..... NA
PACKAGING GROUP..... NA
NON-BULK SHIPPING NAME..... Compounds, Boiler Cleansing, Liquid
BULK SHIPPING NAME..... Same

SECTION 5

PHYSICAL DATA

BOILING/FREEZING POINT @760 mmHg... 212°F (100°C) / ND
pH..... 13.0
VAPOR PRESSURE mm Hg @20° C..... ND
VAPOR DENSITY (Air = 1)..... >1
PERCENT VOLATILE BY WEIGHT (%)..... 85
SPECIFIC GRAVITY @20°C..... 1.12
SOLUBILITY IN WATER..... Complete
EVAPORATION RATE..... (Water=1) <1
APPEARANCE AND ODOR..... Brown liquid with amine odor.

SECTION 6

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Test Method)..... NA

SECTION 6FIRE AND EXPLOSION HAZARD DATA

CONT'D

AUTOIGNITION TEMPERATURE..... NA
FLAMMABILITY LIMITS IN AIR (% V)... NA
EXTINGUISHING MEDIA..... Not Combustible
SPECIAL FIRE FIGHTING PROCEDURES... NA
UNUSUAL FIRE & EXPLOSION HAZARDS... NA

SECTION 7REACTIVITY DATA

PRODUCT STABILITY..... Stable
Conditions to Avoid..... ND
CHEMICAL INCOMPATIBILITY..... Strong acids and oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS... ND
HAZARDOUS POLYMERIZATION..... Will Not Occur

SECTION 8HEALTH HAZARD DATA

SKIN CONTACT... Contact may be irritating to the skin. Extended contact can result in chemical burns.
EYE CONTACT... Irritating to the eyes upon contact. Contact may result in chemical burns.
INHALATION.... Mists and vapors may be irritating to the respiratory system.
INGESTION..... May irritate esophagal linings.

SECTION 9EMERGENCY AND FIRST AID PROCEDURES

SKIN.....Remove contaminated clothing and flush exposed skin with soap and water. If irritation persists or develops, get medical attention. Launder contaminated clothing before reuse.
EYES.....Immediately flush eyes with large amounts of water for 15 minutes and get medical attention.
INGESTION...If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately. Never give anything by mouth to an unconscious person.
INHALATION...Move to fresh air. Aid in breathing, if necessary, and get medical attention.

SECTION 10ENVIRONMENTAL DATA

SPILL OR LEAK PROCEDURES... Avoid skin contact. Neutralize and absorb on inert material. Place in suitable containers for disposal. Flush residues with water to sanitary sewer.
WASTE DISPOSAL METHOD..... Corrosive. Dispose of in accordance with all federal, state and local regulations.
HAZARDOUS WASTE 40CFR261... Yes. Hazardous Waste Number: D002
CONTAINER DISPOSAL..... Empty containers may contain residuals. Thoroughly clean, then offer for recycling, reuse, or disposal in accordance with governmental regulations.

SECTION 11SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION.....NIOSH/MSHA approved can or cartridge respirator for gas and vapor as needed to maintain P.E.L.
VENTILATION.....Local and/or mechanical exhaust to maintain exposure below P.E.L.
PROTECTIVE CLOTHING.....Neoprene gloves, full chemical suit, boots - as necessary to prevent skin contact.
EYE PROTECTION.....Chemical goggles and/or full face shield.
OTHER PRECAUTIONS.....Safety shower and eyewash fountains should be easily accessible.

SECTION 12SUPPLIER INFORMATION

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of manufacturer. The data on this sheet relates only to the specific material designated herein. Manufacturer assumes no legal responsibility for use or reliance upon this data.