

# MATERIAL SAFETY DATA SHEET

## CSD 5400

Latest Revision Date: 9/24/02

Print Date: 01/26/03

### SECTION 1 MANUFACTURER INFORMATION

HYDRO-ZONE, INC.  
17800 Telegraph Road  
Romulus, MI 48174  
Phone: (734) 247-4488

EMERGENCY CONTACT:  
(800) 255-3924

### SECTION 2 PRODUCT IDENTIFICATION

PRODUCT NUMBER.....5400  
TRADE NAME OR CHEMICAL NAME.....CSD 5400  
SYNONYMS.....NA  
CHEMICAL FAMILY.....Polymer blend cooling treatment  
NFPA- HEALTH HAZARD.....1  
FIRE HAZARD.....0  
REACTIVITY HAZARD.....0  
NFPA SCALE.....4= EXTREME 3=HIGH 2=MODERATE 1=SLIGHT 0=INSIGNIFICANT  
KEY.....NA= Not Applicable NF= Not Determined

### SECTION 3 HAZARDOUS IDENTIFICATION

<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>
None	NA	NA	NA	NA	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.....Compound, Industrial Process Water Treating, Liquid  
BULK SHIPPING NAME.....Same

### SECTION 5 PHYSICAL DATA

BOILING/ FREEZING POINT @ 760 mmHg.....212°F (100 °C)/ <32°F (<0°C)  
pH.....7.5  
VAPOR PRESSURE mmHg @ 20°C.....ND  
VAPOR DENSITY (Air=1).....>1  
PERCENT VOLATILE BY WEIGHT (%).....55  
SPECIFIC GRAVITY @20°C.....1.23  
SOLUBILITY IN WATER.....Complete  
EVAPORATION RATE.....(Water=1) <1  
APPEARANCE AND ODOR.....Amber liquid with mild odor.

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## SECTION 6 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (PENSKY-MARTEN C.C.).....NA  
AUTOIGNITION TEMPERATURE.....NA  
FLAMMABILITY LIMITS IN AIR (% V).....NA  
EXTINGUISHING MEDIA.....Not Combustible  
SPECIAL FIRE FIGHTING PROCEDURES.....NA  
UNUSUAL FIRE & EXPLOSION HAZARDS.....Cool drums exposed to heat or fire to prevent steam rupture.

## SECTION 7 REACTIVITY DATA

PRODUCT STABILITY.....Stable  
Conditions To Avoid.....None Known  
CHEMICAL INCOMPATIBILITY.....NA  
HAZARDOUS DECOMPOSITION PRODUCTS.....None Known  
HAZARDOUS POLYMERIZATION.....Will Not Occur

## SECTION 8 HEALTH HAZARD DATA

SKIN CONTACT.....Extended contact may cause irritation to the skin.  
EYE CONTACT.....May cause eye irritation upon contact.  
INHALATION.....High concentrations of mists or vapors may cause respiratory system irritation..  
INGESTION.....Harmful if swallowed.

## SECTION 9 EMERGENCY 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 seek medical attention.  
INGESTION.....If swallowed, DO NOT INDUCE VOMITING. Seek medical attention immediately.  
INHALATION.....Move to fresh. Aid in breathing, if necessary, seek medical attention.

## SECTION 10 ENVIRONMENTAL DATA

SPILL OR LEAK PROCEDURES.....Avoid skin contact. Reclaim spilled material, if possible. Flush residues to sanitary sewer.  
WASTE DISPOSAL METHOD.....Dispose of in accordance with all federal, state and local regulations.  
HAZARDOUS WASTE 40CFR261.....NA  
CONTAINER DISPOSAL.....Empty containers may contain residuals. Thoroughly clean, then offer for recycling, reuse or disposal in accordance with governmental regulations.

## SECTION 11 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION.....Respirator not required in most applications.  
VENTILATION.....Local exhaust is generally sufficient to minimize exposure.  
PROTECTIVE CLOTHING.....Neoprene gloves, apron, boots---as necessary, to prevent skin contact.  
EYE PROTECTION.....Chemical goggles.  
OTHER PRECAUTIONS.....Safety shower and eyewash fountains should be easily accessible.

## SECTION 12 SUPPLIER 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.