

**MATERIAL SAFETY DATA SHEET**

CSC 1050

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**SECTION 1 MANUFACTURER INFORMATION**

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**SECTION 2 PRODUCT IDENTIFICATION**

PRODUCT NUMBER..... HZ 1050  
TRADE NAME OR CHEMICAL NAME... CSC 1050  
SYNONYMS..... NA  
CHEMICAL FAMILY..... NA  
NPPA - HEALTH HAZARD..... 2  
    FIRE HAZARD..... 0  
    REACTIVITY HAZARD..... 0  
NPPA SCALE..... 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant  
KEY..... NA= Not Applicable ND= Not Determined

**SECTION 3 HAZARDOUS INGREDIENTS**

CHEMICAL NAME(S)	CAS NUMBER	% WT	TLV-TWA	PEL	SEC.313	CARCINOGEN?
Potassium Hydroxide	1310-58-3	<5	2 mg/m3	2 mg/m3	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, Industrial Process Water Treating, Liquid  
BULK SHIPPING NAME..... Same

**SECTION 5 PHYSICAL DATA**

BOILING/FREEZING POINT @760 mmHg... 215°F (102°C) / ND  
pH..... 12.2  
VAPOR PRESSURE mm Hg @20° C..... ND  
VAPOR DENSITY (Air = 1)..... >1  
PERCENT VOLATILE BY WEIGHT (%)..... 65  
SPECIFIC GRAVITY @20°C..... 1.23  
SOLUBILITY IN WATER..... Complete  
EVAPORATION RATE..... (Water=1) <1  
APPEARANCE AND ODOR..... Amber liquid with mild odor.

**SECTION 6 FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (Test Method)..... NA  
AUTOIGNITION TEMPERATURE..... NA  
FLAMMABILITY LIMITS IN AIR (% V)... NA

SECTION 6FIRE AND EXPLOSION HAZARD DATA

CONT'D

EXTINGUISHING MEDIA..... Not combustible  
 SPECIAL FIRE FIGHTING PROCEDURES... NA  
 UNUSUAL FIRE & EXPLOSION HAZARDS... Cool drums exposed to fire to prevent steam rupture.

SECTION 7REACTIVITY DATA

PRODUCT STABILITY..... Stable  
 Conditions to Avoid..... NA  
 CHEMICAL INCOMPATIBILITY..... Strong acids  
 HAZARDOUS DECOMPOSITION PRODUCTS... Carbon monoxide, carbon dioxide and oxides of nitrogen upon burning after water los.  
 HAZARDOUS POLYMERIZATION..... Will Not Occur

SECTION 8HEALTH HAZARD DATA

SKIN CONTACT... May cause irritation with extended contact.  
 EYE CONTACT.... May be irritating to eye tissue on contact.  
 INHALATION.... Mists may irritate and damage upper respiratory tract and lung tissue proper.  
 INGESTION..... May cause burns of mucous membranes of the mouth, throat, esophagus and stomach.

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 with appropriate material and flush with large amounts of water 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 11SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION.....Respirator not required with 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 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.