

# MATERIAL SAFETY DATA SHEET

Prepared According to 29 CFR 1910, 1200

N/A (Not Applicable)

N/E (Not Established)

## SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: FULL CIRCLE ERUPTION

CHEMICAL FAMILY: AN AQUEOUS SOLUTION OF GLYCOL ETHERS, ALKALI SILICATES, ALCOHOL AND ANIONIC SURFACTANTS.

PROPER SHIPPING NAME: N/A  
UN#, PACKING GROUP: NOT REGULATED  
NOT REGULATED  
NONE

## HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH \_\_\_\_\_ 2  
FLAMMABILITY \_\_\_\_\_ 0  
REACTIVITY \_\_\_\_\_ 0  
PERSONAL PROTECTION \_\_\_\_\_ B

## HAZARD RATING

4 = EXTREME  
3 = HIGH  
2 = MODERATE  
1 = SLIGHT  
0 = INSIGNIFICANT

## SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

	%	TLV (UNITS)
POTASSIUM HYDROXIDE 1310-58-3	<5%	2MG/M3
ETHYLENE GLYCOL MONO BUTYL ETHER 111-76-2	<10%	50 PPM
SODIUM METASILICATE 6834-92-0	<5%	1MG/M3

ISOPROPYL ALCOHOL 67-63-0 <10% 400 PPM

NITRILOTRIACETIC ACID 139-13-9\*\*

\*\*CALIFORNIA PROP 65  
\*SARA TITLE III, SECTION 313 LISTED

## SECTION IV - FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT (METHOD USED): NONFLAMMABLE

UPPER EXPLOSIVE LIMIT: N/A LOWER EXPLOSIVE LIMIT: N/A

EXTINGUISHING MEDIA: Use appropriate extinguishing media for the surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and full protective clothing (bunker gear) should be worn when fighting fires involving chemicals.

UNUSUAL FIRE AND EXPLOSING HAZARDS: NONE

## SECTION VI - FIRST AID & HEALTH HAZARD DATA

### FIRST AID

EYES: Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids apart. Washing eyes within one minute is essential. Seek immediate medical attention.

SKIN: Wash with plenty of water for 15 minutes. Remove contaminated clothing. Seek medical attention if irritation develops or persists.

INGESTION: Give milk or water to dilute. Induce vomiting. Get immediate medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON!!!

INHALATION: Remove victim to fresh air. If person is having difficulty breathing, perform artificial respiration and get immediate medical attention.

### EFFECTS OF OVEREXPOSURE (Primary Route of Entry)

N/E  
MAY CAUSE IRRITATION TO SKIN, EYES AND MUCOUS MEMBRANES. VAPORS MAY CAUSE NAUSEA OR DIZZINESS.

## SECTION V - STORAGE AND HANDLING

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Use sound industrial hygiene practices. Keep container closed when not in use. Wash after handling. Do not eat, drink or smoke around this or any other chemicals. Read labels and material safety data sheets before using. Store container in a dry, cool area.

## SECTION III - PHYSICAL DATA

### PHYSICAL DESCRIPTION:

CLEAR BLUE LIQUID - BUTYL ODOR

BOILING POINT (F): 192±F

VAPOR PRESSURE: N/E

% VOLATILE: N/E

SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY: 1.07

EVAPORATION RATE: N/E

pH: 12.8

## SECTION VII - REACTIVITY DATA

STABILITY: UNSTABLE \_ STABLE X

### INCOMPATIBILITY (Materials to Avoid):

NONE KNOWN

### HAZARDOUS DECOMPOSITION PRODUCTS:

NONE KNOWN

HAZARDOUS POLYMERIZATION: NO

## SECTION VIII - SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wear necessary personal protective equipment.  
Evacuate all unnecessary and untrained personnel.  
Dike area to prevent spreading of materials. Cover drains.  
Cover spill with an inert material (clay, sand) and collect into appropriate containers.  
Dispose of in accordance with federal, state and local regulations.

### EMPTY CONTAINERS DISPOSAL:

Any disposal practices must be in compliance with federal, state and local laws. Any questions regarding disposal should be directed to the proper government agency.

## SECTION IX - SPECIAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION..... NONE NORMALLY NEEDED.

PROTECTIVE GLOVES..... IMPERVIOUS

EYE PROTECTION..... SAFETY GLASSES OR GOGGLES

VENTILATION..... LOCAL

OTHER PROTECTIVE EQUIPMENT.. Eyewash and emergency shower should be located in the working area.

### Contact Information:

FULL CIRCLE CHEMICAL SUPPLY  
P.O. BOX 28726  
KANSAS CITY, MO

816.985.2825

64188

Emergency Phone: 800-535-5053 INFOTRAC

UNCONTROLLED DOCUMENT IF THIS LINE IS NOT 'RED'  
Currently, Warsaw Chemical Co., Inc. does not post our Material Safety Data Sheets (MSDS) online. Any Warsaw Chemical Co., Inc. MSDS found online may not be current or correct.