

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 C-THRU PLUS GLASS CL

CHEMICAL FAMILY: AN AQUEOUS SOLUTION OF SOLVENTS AND SURFACTANT.

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

HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH _____ 1
FLAMMABILITY _____ 0
REACTIVITY _____ 0
PERSONAL PROTECTION _____ X

HAZARD RATING

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

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

	%	TLV (UNITS)
*ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	<5%	50 PPM
ISOPROPYL ALCOHOL 67-63-0	<5%	400 PPM
ACETONE 67-64-1	<2%	1000 PPM
AQUA AMMONIA 1336-21-6	<2%	50 PPM

CARCINOGENS: NONE SUSPECTED.
TSCA: ALL COMPONENTS LISTED.

*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 IRRITATE EYES, SKIN, MUCOUS MEMBRANES AND RESPIRATORY TRACT. PROLONGED EXPOSURE MAY CAUSE DE FATTING OF THE SKIN. HARMFUL IF SWALLOWED.

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:
BLUE WATERLIKE LIQUID,
AMMONIA ODOR
BOILING POINT (F): >200 F
VAPOR PRESSURE: N/E
% VOLATILE: <10%
SOLUBILITY IN WATER: COMPLETE
SPECIFIC GRAVITY: 0.995
EVAPORATION RATE: N/E
pH: 10.7

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

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.