

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 OUTLAW

CHEMICAL FAMILY: AN AQUEOUS SOLUTION OF
GLYCOL ETHERS, AND ANIONIC SURFACTANT.

DOT SHIPPING NAME:

NOT REGULATED
N/A NONE

TECHNICAL NAME: NOT REGULATED

HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH _____ 2
FLAMMABILITY _____ 0
REACTIVITY _____ 0
PERSONAL PROTECTION _____ C

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	<20%	50 PPM
Pine oil 98-55-5	<10%	n/e

CARCINOGENS: NONE SUSPECTED.
TSCA: ALL COMPONENTS LISTED.

VOC compliant when used as directed and proper
dilution ratios.

*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 III - PHYSICAL DATA

PHYSICAL DESCRIPTION:

CLEAR YELLOW-GREEN LIQUID
PINE SCENT

BOILING POINT (F): N/E

VAPOR PRESSURE: N/E

% VOLATILE: .9#/GALLON - 10.2%

SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY: 0.99

EVAPORATION RATE: N/E

pH: 12.3

SECTION VII - REACTIVITY DATA

STABILITY: UNSTABLE _ STABLE X

INCOMPATIBILITY (Materials to Avoid):

STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS:

CO FROM BURNING

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 GOGGLES OR GLASSES

VENTILATION..... LOCAL

OTHER PROTECTIVE EQUIPMENT.. POTABLE WATER FOR
ACCIDENTAL SKIN OR EYE CONTACT.

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 in
breathing, perform artificial respiration and get immediate
medical attention.

EFFECTS OF OVEREXPOSURE (Primary Route of Entry)

N/E

EYES: IRRITATION.
SKIN: IRRITATION.
INGESTION: IRRITATION, VOMITING, NAUSEA.
INHALATION: N/E

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.

Contact Information:

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

816.985.2825

64188

Emergency Phone: 800-535-5053 INFOTRAC