

MATERIAL SAFETY DATA SHEET

Curtis/GlenChem Corp.

Eddystone Industrial Park
2000 Industrial Highway
Eddystone, PA 19022-1513

Product: **C-MULSION**

Daytime Telephone: (610) 876-9906
24 Hour Emergency: CHEMTREC® (800) 424-9300

MSDS No.: G5400 - Rev. 4.0 Date: 08/96
Replaces - Rev. 3.0 02/96
Purpose:
////////////////////////////////////

-- SECTION 01 - IDENTIFICATION AND INFORMATION --

Product or Trade Name:..... C-MULSION
Chemical Name/Synonym:..... PROPRIETARY BLEND
Chemical Family:..... SOLVENT EMULSION
Formula:..... PROPRIETARY
Product Code: G5400

HMIS
Hazard Rating: Legend:
Health: 2 0 - Least
Fire:..... 1 1 - Slight
Reactivity: 0 2 - Moderate
 3 - High
 4 - Extreme

Product Description: Liquid solvent emulsion compound

-- SECTION 02 - PHYSICAL DATA --

Boiling Point: > 210°F Solubility in Water: 20% by volume max.
Vapor Pressure: 3 (mmHg) @ 100°F Specific Gravity: 0.96 (H₂O=1)
Vapor Density: > 1 (AIR=1) % Volatile by Volume: 90
Appearance: Clear, deep amber liquid Odor:..... Slight solvent
pH neat: 11.4 ± 0.1, as received pH working solutions: ~10.8

-- SECTION 03 - HAZARDOUS COMPONENTS --

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
petroleum naphtha	64742-47-8	< 40	Not Listed (mfg. recommends 300 ppm total hydrocarbons)	Not Listed
silicic acid disodium salt	06834-92-0	< 10	Not Listed	Not Listed
2-butoxyethanol	00111-76-2	< 10	25 ppm, TWA 8, skin	25 ppm, TWA 8, skin
mixed alkanolamines	None	< 10	None Established	None Established
Inert and/or non-hazardous components	-----	< 40	-----	-----

Values from OSHA 29 CFR 1910.1000 Table Z-1-A & ACGIH 1991 - 92. The above materials are listed on the TSCA Inventory with the exception of the alkanolamines, which is a mixture of amines listed in the inventory.

-- SECTION 04 - FIRE AND EXPLOSION HAZARD DATA --

Flash Point: 142°F, TCC method
Extinguishing Media: Small Fire: CO₂, water fog, dry chemical; Large Fire: Alcohol-type or all-purpose-type foam.
Special Fire Fighting Procedures:..... Use self-contained breathing apparatus; water may be used to cool adjacent containers.

-- SECTION 05 - REACTIVITY DATA --

Stability: Stable.
Incompatibility: Strong oxidizers.
Hazardous Decomposition Products: Carbon monoxide may form upon thermal degradation.
Hazardous Polymerization: Will not occur.

-- SECTION 06 - SPILL, LEAK, AND DISPOSAL PROCEDURES --

Small Spills: Absorb with sand or inert material; scoop up and dispose to proper container.
Large Spills: Prevent spread of spill by dyking. Salvage uncontaminated material if possible. Absorb remainder of spill with inert material; scoop up and dispose to proper container.

ALWAYS DISPOSE OF MATERIAL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES FOR THAT TYPE OF MATERIAL.

-- SECTION 07 - HEALTH HAZARD DATA --

EYE CONTACT:..... May cause irritation. Severe irritation or chemical burn may occur if not irrigated immediately.
SKIN CONTACT:..... Prolonged direct contact may cause dryness and dry skin irritation.
INHALATION:..... Inhalation of high concentrations of vapors above exposure limits may cause headache, dizziness, drowsiness, nausea and vomiting.
INGESTION: Not determined.
EFFECTS OF OVEREXPOSURE: None currently known.

-- SECTION 08 - FIRST AID --

EYES: Flush with water for a minimum of 15 minutes (industry safety standard for all materials). Seek medical attention if irritation persists.
SKIN:..... Flush with water; wash with soap and water after handling.
INHALATION:..... Remove to fresh air.
INGESTION: DO NOT INDUCE VOMITING - Seek medical attention. Never give anything by mouth to an unconscious person.

-- SECTION 09 - SPECIAL HANDLING INFORMATION --

VENTILATION:..... None normally required; product normally does not produce vapors or mist.
RESPIRATORY PROTECTION: None normally required; NIOSH approved respirator for mist conditions.
PROTECTIVE CLOTHING: Chemical resistant gloves when mixing or handling.
EYE PROTECTION:..... Tight fitting or chemical workers goggles if splashing is anticipated.

-- SECTION 10 - REGULATORY AND ADDITIONAL INFORMATION --

HANDLING AND STORAGE: Do not breathe vapors or mist. Do not allow contact with eyes, or allow contact with skin. Wash contaminated clothing prior to re-use. Do not allow contact with oxidizers. Keep containers tightly closed and inner poly bag twist-locked to avoid caking.
Empty Containers: Do not re-use empty containers for storage of foodstuffs or potable water. For returnable drums or drums set aside for a reconditioner, empty each drum as completely as possible and fit bungs tightly with undamaged closures. D.O.T. regulations do not permit transport of open or partially filled containers.

D.O.T.: Shipping Information: Combustible Liquid, n.o.s., (petroleum solvents), 9, UN1993, PGIII, ERG - 128 (1996)

TSCA - The ingredients in this material are listed on the TSCA Inventory.

SARA Title III Information (for components of this material): A) Sections 311/312 *Listed*; Categories Acute, Delayed, and Fire Hazard, B) Section 313 - *Not Listed*; C) Section 302 - *Not Listed* as an Extremely Hazardous Substance. Spills into or leading to surface waters that cause a sheen must be reported to the National Response Center at 1-800-424-8802.

CERCLA Information (for the components): Not Listed in Table 302.4 of 40 CFR Part 302 as a hazardous substance with NRC RQs.

Abbreviations Used in this Material Safety Data Sheet: < = Less Than; > = Greater Than; N/A = Not Applicable; N/E = Not Established; N/L = Not Listed; N/D = Not Determined; TWA = Time Weighted Average; STEL = Short Term Exposure Limit; PEL = Permissible Exposure Limit; NIOSH = National Institute of Occupational Safety & Health; OSHA = Occupational Safety & Health Administration; ACGIH = American Conference of Government and Industrial Hygienists; NTP = National Toxicology Program; IARC = International Agency for the Registration of Carcinogens; TSCA = Toxic Substance Control Act; SARA = Superfund Amendment Reauthorization Act; RQs = Reportable Quantities; CERCLA = Comprehensive Environmental Response Compensation and Liability Act; NRC = National Response Center; RCRA = Resource Recovery and Conservation Act.

The information herein is given in good faith, but no warranty, express or implied, is made.