

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: Super Stripper Concentrate	Formula ID Number: FM-20	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;">Concentrate</th> <th style="width: 33%;">In Dilution</th> <th style="width: 34%;">HAZARD RATING</th> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">Flammability</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">Health</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">Reactivity</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">None</td> <td style="text-align: center;">Special Hazard</td> <td style="text-align: center;">None</td> </tr> </table>	Concentrate	In Dilution	HAZARD RATING	0	Flammability	0	3	Health	1	1	Reactivity	0	None	Special Hazard	None
Concentrate	In Dilution		HAZARD RATING														
0	Flammability	0															
3	Health	1															
1	Reactivity	0															
None	Special Hazard	None															
Synonyms: ST-940	MSDS File Name: SUPER STRIPPER CONC EPA Reg #: None DOT Hazard Class: 8, Corrosive																
Company: Stearns Packaging Corporation 4200 Sycamore Avenue (53714) PO Box 3216 Madison, WI 53704-0216	DOT Shipping Name: Compounds, cleaning, liquid, (containing monoethanolamine), 8, NA1760, PG III, Ltd Qty. Item 48580, Sub. 3 USDA Acceptance Date & Category Code: None																
Phone: 800-655-5008 Fax: 608-246-5149	Hazard Label: Corrosive (None for Ltd Qty)																
Emergency Contact: CHEM-TEL, 800-255-3924		Abbreviation Key: N.A.=Not Applicable, N.D.=Not Determined															

## SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CHEMICAL IDENTIFICATION	CAS NO.	HAZARD	OSHA TWA8	OSHA STEL	ACGIH TWA8	ACGIH STEL	%(Optional)
Monoethanolamine, 2-aminoethanol	141-43-5	Corrosive	3 ppm	6 ppm	3 ppm	6 ppm	
Ethylene glycol monobutyl ether	111-76-2	Combustible	50 ppm		20 ppm		40
Vegetable oil alkanolamide blend	68603-42-9 and others N/A						

SARA Section 313 Title III Notification Required: Yes; Chemical in Product: Ethylene glycol monobutyl ether (glycol ether category); CAS#: 111-76-2; Weight % of Chemical: 40%

## SECTION 3 – PHYSICAL DATA

Appearance and Odor: Clear amber liquid, amine and butyl odor	Solubility in water: Complete Boiling Point: 130° F Melting/Freezing Point: < 0° F	Vapor Pressure (mm Hg): N.D. Vapor Density (Air=1): N.D. Evaporation Rate (n-butyl acetate=1): much slower than 1	pH (Concentrate): 12.5±0.5 pH (Use Dilution): N/A Specific Gravity (Water=1): 0.965
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## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: >200°F, Closed cup. Flammable Limits: LEL: N.D., UEL: N.D.	Special Fire Fighting Procedures: If quantities of material are stored near fire, self-contained breathing device should be used.
Extinguishing Media: Water spray, CO <sub>2</sub> , dry chemical, alcohol foam. Treat primary cause of fire.	Unusual Fire & Explosion Hazards: No special hazards known to exist.

## SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable: <input checked="" type="checkbox"/> Unstable: _____ Conditions to Avoid: Long exposure to materials containing copper, aluminum and strong oxidizing agents may cause discoloration. Incompatibility (Materials to Avoid): Strong oxidizing or reducing agents.	Hazardous Polymerization: May Occur _____ Will Not Occur <input checked="" type="checkbox"/> Conditions to Avoid: None known Hazardous Decomposition or By-Products: If heated to decomposition, CO, CO <sub>2</sub> , NO <sub>x</sub> , and ammonia may be produced.
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## SECTION 6 – HEALTH HAZARD DATA/FIRST AID PROCEDURES

Health Hazards (Acute and Chronic): INHALATION: Not determined for formulation. SKIN: Not known for formulation; Rabbit Skin LD <sub>50</sub> 1.0g/Kg for MEA in formulation. Signs and Symptoms of Exposure: SKIN: May cause dermatitis or irritation upon prolonged contact. Localized skin defatting can be expected from any detergent on long contact. EYES: Causes painful stinging or burning of eyes and lids, watering of eyes, conjunctivitis, and in concentrated undiluted form, lengthy exposure may cause opaqueness of cornea, possibly leading to loss of sight. INGESTION: May cause nausea, vomiting, and abdominal pain, incoordination, diarrhea and general weakness. Ingestion of significant quantities may cause red blood cell hemolysis and possible liver and kidney injury. INHALATION: If misted in concentrated form, which is improper use, can cause irritation of mucous membrane, nose, eye and throat. Medical Conditions Aggravated by Exposure: No data found. NTP? Yes _____ No <input checked="" type="checkbox"/> OSHA Regulated? Yes _____ No <input checked="" type="checkbox"/> Carcinogenicity: IARC Monographs? Yes _____ No <input checked="" type="checkbox"/>	Emergency and First Aid Procedures: Eyes: PROMPTLY flush with large amounts of water occasionally lifting the lower and upper lids. Get medical attention immediately. Skin: As for all foreign materials, wash off concentrate or diluted use solution with water. Remove clothing, which has been saturated by concentrate. Do not allow prolonged contact with the concentrated undiluted material as toxic amounts can be absorbed. Inhalation: Remove from exposure. Ingestion of Concentrate: DO NOT induce vomiting. Immediately give two glasses of water or milk to dilute. NEVER give anything to an unconscious person. Call a physician. Ingestion of Use Solution: Give two glasses water to dilute. Call physician. Severe consequences should not be expected. NOTE TO PHYSICIAN: Treatment should be directed at the control of symptoms and the clinical condition of the patient. There is no specific antidote. Main hazard is due to irritant properties of amines. Bronchodilators, expectorants and antitussives may be of help.
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## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Ventilation: Use with adequate ventilation. Working solution should not present any specific hazard. If misted or an aerosol is generated, use local or mechanical ventilation to maintain vapor concentration below TLV. Under normal working conditions, TLV will not be reached. Skin Protection: Use gloves if hands will be continuously in solution. Not normally necessary in general use. As in handling any detergent, wash thoroughly after using. Eye Protection: Not normally required. Use if in specific applications splashes or mists will get into eyes. Respiratory Protection: No required under normal working/use conditions. Other Precautions: Always keep out of the reach of children.	Steps to be Taken if Material is Spilled or Released: Concentrated materials only come in unit-dosed bags limiting any spills to very small quantities. Paper toweling or mopping is usually sufficient. Waste Disposal: Comply with all local, state and federal regulations. Consult your state DNR or the EPA for specific questions. Wastewater should never enter a fresh water body without treatment. Recycle after rinsing package. Handling and Storage: Avoid contact with eyes and prolonged contact of concentrate with skin. Avoid breathing misted vapors.
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## SECTION 8 – OTHER REGULATORY INFORMATION

State Right-to-Know Regulations: Monoethanolamine, 2-aminoethanol 141-43-5 Ethylene glycol monobutyl ether 111-76-2	State Right-to-Know CT, FL, IL, MA, NJ, PA, RI PA
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rev. 11/01/06

This MSDS data relates only to the material designated and does not relate to its use with any other material or process. The data is believed to be accurate. However, since use conditions vary and are outside our control, Stearns Packaging Corporation makes no warranties, expressed or implied, and assumes no liability for failure to follow directions and safety precautions.