

**Trade name: Super Stripper Concentrate** 

## 1 Identification of the substance/mixture and of the company/undertaking

• 1.1 Product identifier

• Trade name: Super Stripper Concentrate ST-940

• Article number: FM20

• 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

• Application of the substance / the preparation Removal of acrylic floor finishes

Product dilution information: Mix the contents of one 16-oz. (473 ml) bottle with 3 gallons (11.3 L) of water.

- 1.3 Details of the supplier of the Safety Data Sheet
- Manufacturer/Supplier:

Stearns Packaging Corporation 4200 Sycamore Avenue (53714)

PO Box 3216

Madison, WI 53704-0216 Phone: 800-655-5008 Fax: 1-608-246-5149

Email: stearns@stearnspkg.com
Website: www.stearnspkg.com
• 1.4 Emergency telephone number:

ChemTel Inc.

(800)255-3924, +1 (813)248-0585

#### 2 Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008		
Product as SOLD	Product at USE DILUTION	
GHS05	Not classified.	
Skin Corr. 1C, Eye Dam. 1 H314+H318 Causes severe skin burns and serious eye damage.	Not classified.	
₹ GHS07		
Acute Toxicity, skin, oral, inhalation, 4. H302, H312, H332, H227 Combustible liquid	Eye Irrit. 2B, H320 Causes eye irritation.	

## • Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xi: Irritant

R36/38: Irritating to eyes and skin

#### · Classification system:

The classification is according to the latest editions of the EU-lists and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists and is supplemented by information from technical literature and by information provided by the company.

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• 2.2 Label elements  Product as SOLD	Product at USE DILUTION
Labeling according to Regulation (EC) No 1272/2008	Trouble at the British
The product is classified and labeled according to the CLP regulation.	Eye Irrit. 2B
Hazard pictograms	
	None
GHS05 GHS07	
Signal word Danger	Warning
Hazard-determining components of labeling:	
Monoethanolamine	Not applicable.
Hazard statements	
H227 Combustible liquid. H314+H318 Causes severe skin burns and serious eye damage H302 Harmful if swallowed. H312 Harmful in contact with skin. H332 Harmful if inhaled.	H320 Causes eye irritation.
Precautionary statements	
P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking P260 Do not breathe mists. P280 Wear protective gloves/ protective clothing / eye protection. P264 Wash hands thoroughly after handling. P305+P351+P338+P310 IF IN EYES: Rinse cautiously	Wash hands thoroughly after handling.  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.
with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician  P303+P361+P353+P363: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.  P310 Immediately call a poison center / doctor.  P301+P330+P331+P310: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center / doctor.  P304+P340: IF INHALED: Remove victim to fresh air and keep comfortable for breathing.  P370+P378: In case of fire: Use water for extinction.	Continue rinsing. If irritation persists: get medical attention.
P405: Store locked up. P501 Dispose of contents/container in accordance with local regulations.	

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## 3 Composition/information on ingredients

- 3.2 Mixtures
- Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		,
CAS: 141-43-3	Monoethanolamine	<50%
EINECS: 205-483-3	C R34; Xn R20/21/22; Xi R36/37/38	]
	Skin Corr. 1B, H314; Eye Dam. 1 H318	
	Acute Tox. 4, H302, H312, H332; STOT SE 3: H335	
CAS: 68439-46-3	alcohols, C9-11, ethoxylated	<15%
NLP: 500-446-0	Xi R36/38	
	Skin Irrit. 2, H315; Eye Irrit. 2A, H319	
CAS: 111-76-2	2-Butoxyethanol, EB Solvent	20-50%
EINECS: 905-0	R10-67	
Index number: 603-014-00-0	Flam. Liq. 4, H227	
	Eye Irrit. 2A, H319; Skin Irrit. 2, H315; Acute Toxicity,	
	dermal, oral, inhalation, 4, H302, H312, H332	

<sup>•</sup> Additional information: For the wording of the listed risk phrases refer to section 16.

## 4 First-aid measures

• 4.1 Description of first aid measures		
Product as SOLD	Product at USE DILUTION	
General information: No special measures required.     After inhalation:     Supply fresh air; consult doctor in case of complaints.	No special measures required. Treat symptomatically.	
After skin contact:     Wash with water and rinse thoroughly. If skin irritation continues consult a doctor.	Possible irritant effect after skin contact. Rinse with water for a few minutes.	
After eye contact:     Remove contact lenses if worn.     Rinse opened eye for several minutes under running water.     If symptoms persist consult a doctor.	Irritant effect after eye contact. Rinse with water for a few minutes. If irritation persists, get medical attention.	
After swallowing:     Rinse out mouth and then drink plenty of water.     Do not induce vomiting; call for medical help immediately.	Get medical attention if symptoms occur.	
• 4.2 Most important symptoms and effects both acute and delayed     Strong irritant with the danger of severe eye injury.     Irritant to skin and mucous membranes.     Cramp     Nausea     Thirst     Coughing     Allergic reactions	Irritant to skin, mucous membranes, and eyes.	

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Product as SOLD	Product at USE DILUTION	
Hazards Danger of severe eye injury.	No known effects.	
4.3 Indication of any immediate medical attention and special treatment needed		
Treat skin and mucous membrane with antihistamine and corticoid preparations. In cases of irritation to the lungs, initial treatment with cortical steroid inhalants. Medical supervision for at least 48 hours. If swallowed, gastric irrigation.	No further relevant information available.	

## 5 Fire-fighting measures

- 5.1 Extinguishing media
- Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- For safety reasons unsuitable extinguishing agents: None.
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- 5.3 Advice for firefighters
- Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

• Additional information No further relevant information available.

## 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures		
Product as SOLD	Product at USE DILUTION	
Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol. Ensure adequate ventilation. Product forms slippery surface when combined with water.	Use personal protective equipment as required.	
6.2 Environmental precautions:		
Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.	Dilute with plenty of water.	
6.3 Methods and material for containment and cleaning up:		
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  Send for recovery or disposal in suitable receptacles.  Clean the affected area carefully; suitable cleaners are:  Warm water	Large Spills: Flush area with water. Prevent entry into waterways. Small Spills: Wipe up with absorbent material.	
6.4 Reference to other sections		
See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.	

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• 7.1 Precautions for safe handling		
Product as SOLD	Product at USE DILUTION	
Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.	Wash hands thoroughly after handling.	
• Information about fire - and explosion protection:		
No special measures required.	No precautions necessary.	
• 7.2 Conditions for safe storage, including any incompatibilities		
Storage:		
• Requirements to be met by storerooms and receptacles:		
Avoid storage near extreme heat, ignition sources or open flame.	Avoid storage near extreme heat, ignition sources or ope flame.	
Unsuitable material for receptacle: aluminium.	Unsuitable material for receptacle: aluminium.	
• Information about storage in one common storage facility	<i>r</i> :	
Store away from foodstuffs. Store away from oxidizing agents.	Store away from foodstuffs. Store away from oxidizing agents.	
Further information about storage conditions:		
Store in cool, dry conditions in well sealed receptacles.	No storage precautions necessary.	
• 7.3 Specific end use(s)		
No further relevant information available.		

## 8 Exposure controls/personal protection

<ul> <li>Additional information about design of technical facilities: No further data; see item 7.</li> </ul>		
Product as SOLD Product at USE DILUTION		
• 8.1 Control parameters		
• Ingredients with limit values that require monitoring at the	workplace:	
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.  • DNELs No further relevant information available.  • PNECs No further relevant information available.  • Additional information: The lists valid during the making were used as basis.	Not applicable.	
8.2 Exposure controls		
Personal protective equipment:		
General protective and hygienic measures:		
The usual precautionary measures are to be adhered to when handling chemicals.  Keep away from foodstuffs, beverages and feed.  Immediately remove all soiled and contaminated clothing.  Wash hands before breaks and at the end of work.  Avoid contact with the eyes and skin.	The usual precautionary measures are to be adhered to when handling chemicals.  Keep away from foodstuffs, beverages and feed.  Immediately remove all soiled and contaminated clothing.  Wash hands before breaks and at the end of work.  Avoid contact with the eyes and skin.	

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Product as SOLD	Product at USE DILUTION	
Respiratory protection:		
Not necessary if room is well-ventilated. Use suitable respiratory protective device when high concentrations are present. For spills, respiratory protection may be advisable. NIOSH approved organic vapor respirator equipped with a dust/mist prefilter should be used.	Not necessary if room is well-ventilated.  Use suitable respiratory protective device when high concentrations are present.  For spills, respiratory protection may be advisable.  NIOSH approved organic vapor respirator equipped with a dust/mist prefilter should be used.	
Protection of hands:		
Avoid direct contact with the chemical/ the product/ the preparation by organizational measures. Use gloves constructed of chemical resistant material such as heavy nitrile rubber.  Protective gloves	No protective equipment is needed under normal conditions.	
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.		
Material of gloves		
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.	No protective equipment is needed under normal conditions.	
Penetration time of glove material		
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.	No protective equipment is needed under normal conditions.	
• For the permanent contact gloves made of the following ma	iterials are suitable: Rubber gloves	
• Eye protection:		
Contact lenses should not be worn.  Tightly sealed goggles	No protective equipment is needed under normal conditions.	
Body protection:		
Protective work clothing.	No protective equipment is needed under normal conditions.	
Limitation and supervision of exposure into the environment	nt	
No further relevant information available.	No further relevant information available.	
Risk management measures		
See Section 7 for additional information. No further relevant information available.	See Section 7 for additional information. No further relevant information available.	

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## 9 Physical and chemical properties

	Product as SOLD	Product at USE DILUTION	
• 9.1 Information on basic physical and	chemical properties	•	
General Information     Appearance:			
Form: Color: Odor: Odor:	Liquid Clear Amber amine and butyl odor Not determined.	Liquid Light Clear Amber amine and butyl odor Not determined.	
• pH-value at 25 °C:	12.5-13.5	11.0-11.4	
Change in condition     Melting point/Melting range:     Boiling point/Boiling range:	Undetermined. 171 °C	Undetermined.	
• Flash point:	152.6 °F / 67 °C Product determined not to support sustained combustion	Not available	
• Flammability (solid, gaseous):	Not applicable.	Not applicable.	
Ignition temperature:	Not determined.	Not determined.	
Decomposition temperature:	Not determined.	Not determined.	
Self-igniting:	Product is not self-igniting.	Product is not self-igniting.	
Danger of explosion:	Product does not present an explosion hazard.	Product does not present an explosion hazard.	
Explosion limits:     Lower:     Upper:	Not determined. Not determined.	Not determined. Not determined.	
Vapor pressure at 20 °C:	Not applicable.	Not determined.	
<ul> <li>Density at 20 °C:</li> <li>Relative density</li> <li>Vapor density</li> <li>Evaporation rate</li> </ul>	0.98 g/cm <sup>3</sup> Not determined. Not determined. Not determined.	Not determined. Not determined. Not determined. Not determined.	
Solubility in / Miscibility with water:	Fully miscible.	Complete	
Partition coefficient (n-octanol/water):	Not determined.	Not determined.	
Viscosity:     Dynamic:     Kinematic:	Not applicable. Not determined.	Not determined. Not determined.	
<ul> <li>Solvent content:         Organic solvents:         Water:</li> </ul>	40.0 % 3.0 %	1.67% 95.95%	
• 9.2 Other information	No further relevant information available.	No further relevant information available.	

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## 10 Stability and reactivity

- 10.1 Reactivity Not determined.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

• 10.3 Possibility of hazardous reactions

Toxic fumes may be released if heated above the decomposition point.

Reacts with strong acids and alkali.

Reacts with strong oxidizing agents.

- 10.4 Conditions to avoid Store away from oxidizing agents.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products:

Sulphur oxides (SOx)

Carbon monoxide and carbon dioxide

## 11 Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity:

Product ingredient name	Result	Species	Dose
Monoethanolamine	Oral LD50	Rat	1,000 - 2,000 mg/kg
alcohols, C9-11, ethoxylated	Oral LD50	Rat	500 - 2,000 mg/kg
2-Butoxyethanol, EB Solvent	Oral LD50	Rat	1746 mg/kg

- Primary irritant effect:
- on the skin: Corrosive to skin and mucous membranes.
- on the eye: Corrosive effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU

Classification Guidelines for Preparations as issued in the latest version:

Irritant

## 12 Ecological information

• 12.1 Toxicity				
Aquatic toxicity:				
Product as SOLD	Product at USE DILUTION			
The product contains materials that are harmful to the environment.	No data available.			
<ul> <li>12.2 Persistence and degradability The product is biodegradable.</li> </ul>	No data available.			
• 12.3 Bioaccumulative potential No further relevant information available.	No data available.			
12.4 Mobility in soil No further relevant information available.	No data available.			

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Product as SOLD	Product at USE DILUTION
Additional ecological information:	
General notes:	
This statement was deduced from the properties of the single components.  Water hazard class 1 (German Regulation) (Selfassessment): slightly hazardous for water  Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.  Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.	Non-toxic at use dilution.
12.5 Results of PBT and vPvB assessment	
PBT: Not applicable.	Not applicable.
• vPvB: Not applicable.	Not applicable.
• 12.6 Other adverse effects No further relevant information available.	No further relevant information available.

## 13 Disposal considerations

13.1 Waste treatment methods		
Product as SOLD	Product at USE DILUTION	
Recommendation		
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.  Must not be disposed together with household garbage. Do not allow product to reach sewage system.	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.	
Uncleaned packaging:		
Recommendation: Disposal must be made according to local regulations.	Not applicable.	
Recommended cleansing agents: Water, if necessary together with cleansing agents.	Not applicable.	

14 Transport information	
Product as SOLD	
• 14.1 UN-Number • DOT-AIR, ADR, ADN, IMDG, IATA	UN1760
• 14.2 UN proper shipping name • DOT,	Corrosive, liquid, n.o.s. (containing monoethanolamine), 8, III. Ltd. Qty.
• ADR, IMDG, IATA	UN1760, Corrosive, liquid, n.o.s. (containing monoethanolamine), 8, III. Ltd. Qty.
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Product as SOLD	
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
14.3 Transport hazard class(es)	
DOT	
$\bigcirc$	
Class	8 (C5) Corrosive substances.
Label	LTD. QTY.
· ADR	
OOROSTYE .	
• Class	8 (C5) Corrosive substances.
Label	8
· IMDG, IATA	
Constant Con	
Class	8 Corrosive substances.
Label	8
14.4 Packing group	
DOT, ADR, IMDG, IATA	III
14.5 Environmental hazards:	
Marine pollutant:	No
• 14.6 Special precautions for user	Warning: Corrosive Substances
Danger Code: EMS Number	80 F-A,S-B
Segregation groups	Alkalis
• 14.7 Transport in bulk according to Annex II of	
MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	5L
Transport category	3
Tunnel restriction code	E
UN "Model Regulation":	UN1760, Corrosive, liquid, n.o.s. (containing
	monoethanolamine), 8, III. Ltd. Qty.

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## 15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- · SARA

Product as SOLD		Product at USE DILUTION		
Section 311-312 (hazardous	classifications):			
2-Butoxyethanol	immediate (acute) health hazard delayed (chronic) health hazard fire hazard			
alcohols, C9-11, ethoxylated	immediate (acute) health hazard	None		
Monoethanolamine	immediate (acute) health hazard fire hazard	immediate (acute) health hazard		
Section 313 (Specific toxic contents)	hemical listings):			
2-Butoxyethanol (ethylene gly	col monobutyl ether) (glycol ether cate	egory)		
TSCA (Toxic Substances Co	ntrol Act):			
All ingredients are listed.		All ingredients are listed.		
• Proposition 65 (California):				
Chemicals known to cause of	cancer:			
None of the ingredients is liste	d.	None of the ingredients is listed.		
Chemicals known to cause r	eproductive toxicity for females:			
None of the ingredients is liste	d.	None of the ingredients is listed.		
Chemicals known to cause r	eproductive toxicity for males:			
None of the ingredients is listed.  None of the ingredients is listed.				
Chemicals known to cause of	levelopmental toxicity:			
None of the ingredients is liste	ed.	None of the ingredients is listed.		
Carcinogenic Categories				
• EPA (Environmental Protection				
None of the ingredients is listed.		None of the ingredients is listed.		
• IARC (International Agency f	or Research on Cancer)			
None of the ingredients is liste	ed.	None of the ingredients is listed.		
• TLV (Threshold Limit Value	established by ACGIH)			
None of the ingredients is listed.  None of the ingredients is listed.				
• NIOSH-Ca (National Institute	for Occupational Safety and Health	n)		
None of the ingredients is liste	d.	None of the ingredients is listed.		
OSHA-Ca (Occupational Safe	ety & Health Administration)			
None of the ingredients is liste	ed.	None of the ingredients is listed.		

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Product as SOLD		Product at USE DILUTION
Canada		
Canadian Do	mestic Substances List (DSL)	
All ingredients	s are listed.	All ingredients are listed.
Canadian Ing	redient Disclosure list (limit 0.1%)	
None of the ir	ngredients is listed.	Not applicable.
Canadian Ing	redient Disclosure list (limit 1%)	
141-43-5	3-5 Monoethanolamine Monoethanolamine	
	2-Butoxyethanol	2-Butoxyethanol

#### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### Relevant phrases

H302 Harmful if swallowed.

H312 Harmful in contact with skin

H314 Causes severe skin burns and eye damage

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H227 Combustible liquid.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

R20/21 Harmful by inhalation and in contact with skin.

R22 Harmful if swallowed. R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

Product as SOLD		Product at USE DILUTION			
Hazardous Material Internal	formation	System (U.S.A.)			
Health	3		Health	1	
Flammability	1		Flammability	0	
Physical hazards	1		Physical hazards	0	
4=Very High; 3=High; 2=Mode	erate; 1=Slig	ht; 0=Insignificant	4=Very High; 3=High; 2=Mod	derate; 1=Sli	ght; 0=Insignificant

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Product as SOLD		Product at USE DILUTION	
NFPA ratings (sca	ale 0 - 4)		
3 1	Health =3 Fire = 1 Reactivity = 1	100	Health = 1 Fire = 0 Reactivity = 0

SDS File Name: FM20 SUPER STRIPPER CONCENTRATE SDS

### • Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the

International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

#### Sources

SDS Prepared by:

JBE/JER

**Revision:** 12/30/14