

Safety Data Sheet

Issue Date: 11-Jul-2011	Version 1	
	1. IDENTIFICATION	
<u>Product Identifier</u> Product Name	SSS Lazer Edge Non Ammoniated Power Stri	pper
Other means of identification		
Product Code UN/ID No	13131, 13130, 13129 UN3267	
Recommended use of the chemic Recommended Use	cal and restrictions on use Wax Stripper.	
Details of the supplier of the safe Manufactured for Triple S 2 Executive Park Drive Billerica, MA 01862 www.triple-s.com	<u>ty data sheet</u>	
<u>Telephone Number</u> Company Phone Number Emergency Telephone (24 hr)	1-978-667-7900 1-888-779-1339	
	2. HAZARDS IDENTIFICATIO	N
Appearance Green liquid	Physical State Liquid	Odor Glycol Ether
Classification		
Skin corrosion/irritation Serious eye damage/eye irritation		Category 1 Sub-category B Category 1
Hazards Not Otherwise Classified May be harmful if swallowed	<u>1 (HNOC)</u>	
<u>Signal Word</u> Danger		
Hazard Statements Causes severe skin burns and eye	damage	



Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a poison center or doctor/physician IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse If skin irritation persists: Get medical advice/attention IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Immediately call a poison center or doctor/physician IF SWALLOWED: Call a poison center or doctor/physician Rinse mouth Do not induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Monoethanolamine	141-43-5	5-10
Ethylene Glycol Monobutyl Ether	111-76-2	5-10
Ethylene glycol monophenyl ether	122-99-6	1-3
Trade Secret	Proprietary	<5
Sodium hydroxide	1310-73-2	1-3

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
Skin Contact	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If irritation persists, seek medical attention.
Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
Ingestion	IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Give large volumes of water. Get medical attention.

Most important symptoms and effects

Symptoms	Causes severe skin burns and eye damage. Inhalation of vapor or mist may be irritating.
	May be irritating to the mouth, throat and stomach.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water. Dry chemical. Carbon dioxide (CO2). Water spray (fog).

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Not determined.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Use personal protection recommended in Section 8.	
Environmental Precautions	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.	

Methods and material for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.	
Methods for Clean-Up	Flood area with water and then mop up. Dispose of in accordance with federal, state and local regulations.	

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Do not destroy or deface the label.

Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep container tightly closed and store in a cool, dry and well-ventilated place. Store containers upright. Store locked up.
Incompatible Materials	Bleach. Strong alkalis.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Monoethanolamine	STEL: 6 ppm	TWA: 3 ppm	IDLH: 30 ppm
141-43-5	TWA: 3 ppm	TWA: 6 mg/m ³	TWA: 3 ppm
		(vacated) TWA: 3 ppm	TWA: 8 mg/m ³
		(vacated) TWA: 8 mg/m ³	STEL: 6 ppm
		(vacated) STEL: 6 ppm	STEL: 15 mg/m ³
		(vacated) STEL: 15 mg/m ³	
Ethylene Glycol Monobutyl Ether	TWA: 20 ppm	TWA: 50 ppm	IDLH: 700 ppm
111-76-2		TWA: 240 mg/m ³	TWA: 5 ppm
		(vacated) TWA: 25 ppm	TWA: 24 mg/m ³
		(vacated) TWA: 120 mg/m ³	
		(vacated) S*	
		S*	
Sodium hydroxide	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³	IDLH: 10 mg/m ³
1310-73-2		(vacated) Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Goggles.
Skin and Body Protection	Rubber gloves. Aprons.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

information on basic physical an	id chemical properties		
Physical State	Liquid		
Appearance	Green liquid	Odor	Glycol Ether
Color	Green	Odor Threshold	Not determined
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
рН	12.3		
Melting Point/Freezing Point	Not applicable		
Boiling Point/Boiling Range	Not determined		
Flash Point	100 °C / 212 °F	Pensky-Martens Clos	ed Cup (PMCC)
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Liquid-Not applicable		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	Not applicable		
Vapor Density	Not determined		
Specific Gravity	1.028	(Water = 1)	
Water Solubility	Completely soluble		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep separated from incompatible substances. Keep out of reach of children.

Incompatible Materials

Bleach. Strong alkalis.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	
Eye Contact	Causes severe eye damage.
Skin Contact	Causes severe skin burns.
Inhalation	Avoid breathing vapors or mists.
Ingestion	May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Monoethanolamine	= 1720 mg/kg (Rat)	= 1 mL/kg (Rabbit) = 1025 mg/kg	-
141-43-5		(Rabbit)	
Ethylene Glycol Monobutyl Ether	= 470 mg/kg (Rat)	= 2270 mg/kg (Rat) = 220 mg/kg (= 2.21 mg/L (Rat) 4 h = 450 ppm
111-76-2	· ·	Rabbit)	(Rat)4 h
Ethylene glycol monophenyl ether	= 1260 mg/kg (Rat)	= 5 mL/kg (Rabbit) = 14422 mg/kg	-
122-99-6		(Rat)	
Trade Secret	= 7200 mg/kg (Rat)	-	-
Sodium hydroxide 1310-73-2	-	= 1350 mg/kg (Rabbit)	-
Trade Secret	= 1700 mg/kg(Rat)	-	-

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

Group 3 IARC components are "not classifiable as human carcinogens".

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylene Glycol Monobutyl	A3	Group 3		
Ether				
111-76-2				

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Monoethanolamine 141-43-5	15: 72 h Desmodesmus subspicatus mg/L EC50	227: 96 h Pimephales promelas mg/L LC50 flow- through 3684: 96 h Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through		65: 48 h Daphnia magna mg/L EC50
Ethylene Glycol Monobutyl Ether 111-76-2		1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50		1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50
Ethylene glycol monophenyl ether 122-99-6	500: 72 h Desmodesmus subspicatus mg/L EC50	337 - 352: 96 h Pimephales promelas mg/L LC50 flow- through 366: 96 h Pimephales promelas mg/L LC50 static 220 - 460: 96 h Leuciscus idus mg/L LC50 static	EC50 = 32.4 mg/L 5 min EC50 = 880 mg/L 17 h	500: 48 h Daphnia magna mg/L EC50
Sodium hydroxide 1310-73-2		45.4: 96 h Oncorhynchus mykiss mg/L LC50 static		
Trade Secret	1.01: 72 h Desmodesmus subspicatus mg/L EC50	34 - 62: 96 h Lepomis macrochirus mg/L LC50 static 44.2 - 76.5: 96 h Pimephales promelas mg/L LC50 static		113: 48 h Daphnia magna mg/L EC50 Static

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

including

Mobility

Chemical Name	Partition Coefficient
Monoethanolamine 141-43-5	-1.91
Ethylene Glycol Monobutyl Ether 111-76-2	0.81
Ethylene glycol monophenyl ether 122-99-6	1.13

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Sodium hydroxide	Toxic
1310-73-2	Corrosive

14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, i exemptions and special circumstances.
DOT UN/ID No Proper Shipping Name Hazard Class Packing Group	UN3267 Corrosive liquid, basic, organic, n.o.s. (Ethanolamine) 8 II
IATA UN/ID No Proper Shipping Name Hazard Class Packing Group	UN3267 Corrosive liquid, basic, organic, n.o.s. (Ethanolamine) 8 II
IMDG UN/ID No Proper Shipping Name Hazard Class Packing Group	UN3267 Corrosive liquid, basic, organic, n.o.s. (Ethanolamine) 8 II

15. REGULATORY INFORMATION

International Inventories

TSCA

Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium hydroxide	1000 lb		RQ 1000 lb final RQ
1310-73-2			RQ 454 kg final RQ
Trade Secret	5000 lb		RQ 5000 lb final RQ
			RQ 2270 kg final RQ

SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Ethylene Glycol Monobutyl Ether - 111-76-2	111-76-2	5-10	1.0
Ethylene glycol monophenyl ether - 122-99-6	122-99-6	1-3	1.0

CWA (Clean Water Act)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide	1000 lb			Х
Trade Secret	5000 lb			Х

US State Regulations

<u>California Proposition 65</u> This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Monoethanolamine 141-43-5	Х	X	Х
Ethylene Glycol Monobutyl Ether 111-76-2	Х	X	Х
Ethylene glycol monophenyl ether 122-99-6	Х		Х
Sodium hydroxide 1310-73-2	Х	X	Х
Trade Secret	Х	X	Х

16. OTHER INFORMATION

<u>NFPA</u> HMIS	Health Hazards Not determined Health Hazards 3	Flammability Not determined Flammability 1	Instability Not determined Physical Hazards 1	Special Hazards Not determined Personal Protection C = Goggles, gloves,
				apron

11-Jul-2011

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New format

Revision Note:
Disclaimer

Issue Date:

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet