

SAFETY DATA SHEET

1. Identification of the Substance/Mixture and of the Company/ Undertaking

Product Name: Star Stripper RTU **Product Code:** *STRRTU55

Company Name: Randall Industries, LLC
4565 Hemlock Road
Cherry Tree, PA 15724

Phone: 814-743-6630
Emergency 24 hour: 1-800-535-5053

Proper Shipping Name: Not Regulated
Identification No: Not Applicable
Hazard Class: Not Applicable
Generic Description: Ready To Use Floor Stripper

2. Hazards Identification

Classification of the substance or mixture

GHS US Classification

Serious Eye Damage/Eye Irritation: Category 2B Causes serious eye irritation
Skin Corrosion/Irritation: Category 2 Causes skin irritation

Label elements

Symbols:



Signal Word : Warning

Hazard Statement:

H302 Harmful if swallowed
H 315 Causes skin irritation
H 319 Causes serious eye irritation

Precautionary Statements:

Wash hands thoroughly after handling.
Wear protective clothing/eye protection.
Do not handle until all safety precautions have been read and understood.
Do not eat, drink, or smoke when using this product.
Call a doctor if you feel unwell.

Store out of reach of children.
Dispose of contents in accordance with local regulations.

3 Composition / Information on Ingredients

Ingredient	CAS Number	Percent by weight
2-Butoxyethanol	111-76-2	1.0 - 5.0
Proprietary surfactant blend	N/A	1-5
Potassium hydroxide	1310-58-3	<1
Monoethanolamine	141-43-5	1.0 - 5.0
Water	7732-18-5	60-100

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

***Trade Secret**

4 First Aid Measures

If inhaled	If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	In case of contact, immediately flush skin with plenty of water. Take off contaminated clothing and shoes immediately. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use. Wash off immediately with plenty of water for at least 15 minutes.
In case of eye contact	: Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist. Rinse immediately with plenty of water for at least 15 minutes.
If swallowed	Keep respiratory tract clear. Never give anything by mouth to an unconscious person. Call a Poison control center or doctor immediately. DO NOT induce vomiting unless directed to do so by a physician or poison control center.
General advice	Do not leave the victim unattended.

Note to physician: If the product is ingested, treat the affected person symptomatically.

5 Firefighting Measures

Suitable Extinguishing Media:	Not Applicable
Special Fire Fighting Procedures:	Not Applicable
Unusual Fire and Explosion Hazards:	None are known

6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Ensure adequate ventilation. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	Prevent further leakage or spillage. Clean contaminated floors and objects thoroughly while observing environmental regulations.
Methods and materials for containment and cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up or vacuum up spillage and collect in suitable container for disposal.

7 Handling and Storage

Advice on safe handling	For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.
Conditions for safe storage	Electrical installations / working materials must comply with the technological safety standards.
Materials to avoid	Keep away from oxidizing agents and strongly acid materials.

8 Exposure Control and Personal Protection

Occupational Exposure Limits:	None Established.
Engineering Controls:	Use local exhaust ventilation.
Personal protective equipment:	
Gloves:	Wear impervious gloves.
Eye/Face Protection:	Wear safety glasses or goggles.
Skin Protection:	Wear clothing suited to the task being performed.
Respiratory Protection:	Not normally required if good ventilation is maintained.

Components with workplace control parameters

OCCUPATIONAL EXPOSURE LIMITS

Chemical identity	Type	Exposure Limit values	Source
2-BUTOXYETHANOL	TWA	20 ppm	US. ACGIH Threshold Limit Values (2011)
	REL	5 ppm	24 mg/m ³
	TWA	25 ppm	120 mg/m ³
	PEL	50 ppm	240 mg/m ³
US. NIOSH: Pocket Guide to Chemical Hazards (2010)			
US. OSHA Table Z-1-A (29 CFR 1910.1000)(1989)			
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)			
Biological limit values			
Chemical identity		Exposure Limit values	Source
2-BUTOXYETHANOL (Butoxyacetic acid (BAA), with hydrolysis: Sampling time: End of shift.)		200 mg/g (Creatinine in urine)	ACGIH BEL (03 2013)
Chemical identity Type Exposure Limit values Source			
Sodium Hydroxide	TWA	2 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000)(1989)
	PEL	2 mg/m ³	US. ACGIH Threshold Limit Values (2011)

9 Physical and Chemical Properties

Information of basic chemical and physical properties

Physical State:	Liquid
Color:	Clear Red
Odor:	Mild
pH:	11.5-12.5
Boiling Point:	212 (100)
Flash Point :	None
Evaporation Rate:	not available
Flammability:	None
Vapor Pressure:	not available
Vapor Density:	not available
Specific Gravity:	(H ₂ O=1): 1.054
Solubility :	Complete
%volatile :	60-100%

10 Stability and Reactivity

Chemical Stability:	Stable
Possibility of Hazardous reactions:	None are known
Incompatibility (Materials to Avoid):	None are known
Hazardous Decomposition or By-products:	None
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	None are known

11 Toxicological Information

Signs and Symptoms of Overexposure:

Eye Contact: Possible ,tearing, redness and irritation. .

Skin Contact: Irritation, redness, itching.

TOXICITY DATA:

2-Butoxyethanol LD50 Oral Rat 470 mg/kg

CHRONIC TOXICITY: No data were available regarding chronic exposure, reproductive or teratological effects, or carcinogenicity for sodium metasilicate.

CARCINOGENICITY: This product is not classified as a carcinogen by NTP, IARC or OSHA.

MUTAGENIC DATA:

12 Ecological Information

Persistence and degradability: Not Available

Bio accumulative potential: Not Available

Mobility in soil: Not Available

Aquatic Toxicity: Not Available

Component	Result	Species	Dose	Exposure
2-Butoxyethanol	EC50	Daphnia	1818 mg/L	24 hours

13 Disposal Information

Material that cannot be used during normal use should be disposed of in accordance with all applicable local, state and federal regulations. Waste from normal cleaning procedures may be neutralized and disposed of in a sanitary sewer depending on the material and/or contaminants being cleaned as well as local, state and federal sewer regulations.

14 Transport Information

DOT: Not Regulated

15 Regulatory Information

TSCA STATUS:	All ingredients listed
Clean Water Act:	None of the chemicals in this product are listed under CWA
Clean Air Act:	None of the chemicals in this product are listed under CAA
CERCLA:	None

SARA Title III Information:

Section 302 Extremely Hazardous Chemicals: None Listed

Section 313 Toxic Chemicals: None Listed

State Regulations: None

International Regulations: WHMIS Controlled Product Hazard Class: Not Classified

HIMS Classification:

Health 2

Flammability 0

Physical Hazard 0

16 Other Information

Approval Date

March 22, 2017