

Safety Data Sheet

Issued Date: May 28, 2015

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Version 1

1. IDENTIFICATION

Product Identifier

Product Name GRN-605 Carpet Ease Extraction

Other means of identification

Product Code GRN-605

Recommended use of the chemical and restrictions on use

Recommended Use Carpet and fabric cleaner

Details of the supplier of the safety data sheet

Missouri Vocational Enterprises
 2727 Highway K
 Bonne Terre, MO 63628
 Phone: (573) 358-5516

Emergency Telephone Number

INFOTRAC 1-800-535-5053 (North America)
 1-352-323-3500 (International)

2. HAZARDOUS IDENTIFICATION

Signal Word **WARNING**

Classification	Hazard Category
Skin - Corrosion/Irritation	3
Serious Eye - Damage/Irritation	N/A
Acute Toxicity - Oral	5
Acute Toxicity - Dermal	4
Specific Target Organ Toxicity - Single Exposure	N/A

Health Hazard Statement(s)

H303 – May be harmful if swallowed
 H316 – Causes mild skin irritation

Hazard Pictogram(s)

Hazard Ratings

	HMIS	NFPA
Health	1	N/A
Flammability	0	N/A
Reactivity	0	N/A
PPE	N/A	N/A

Precautionary Statement(s)

P210 – Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 P264 – Wash hands thoroughly after handling.
 P280 – Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P330+P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P302+P350 – IF ON SKIN: Gently wash with plenty of soap and water.
 P304+P341 – IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P342+P311 – If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

P410+P412 – Protect from sunlight. Do not expose to temperatures exceeding 50° C/122° F.

P501 – Dispose of unused product and container in accordance with all applicable local and regional regulations.

Potential Health Effects

Skin Contact	Not Available
Eye Contact	Not Available
Inhalation	Not Available
Ingestion	Not Available

3. COMPOSITION/INFORMATION ON INGREDIENT

Chemical Name/Pure Substance	CAS #	Weight-%
Water	7732-18-5	85-90
Sodium Bicarbonate	144-55-8	1-5
1-ocatanesulfonic acid	5324-84-5	1-5
Viable Bacteria Cultures	Not Applicable	1-5
Ethoxylated Alcohols, C9-C11	68439-46-3	1-5
Sodium Carbonate	497-19-8	1-5
EDTA	64-02-8	< 0.5
Sodium sulphate	7757-82-6	< 0.5
Propylene glycol	57-55-6	< 0.5
Sodium hydroxide	1310-73-2	< 0.5
1,2-Benzisothiazole-3-(2H)-one	2634-33-5	< 0.5

**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

General Advice	If you feel unwell, seek medical advice (show label where possible).
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Skin Contact	Wash off immediately with soap and plenty of water.
Inhalation	Move to fresh air.
Ingestion	Clean mouth with water and afterwards drink plenty of water.

Most important symptoms and effects

Not Available.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Unsuitable Extinguishing Media: Not Available.

Specific Hazards Arising from the Chemical

May cause allergic respiratory reaction.

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 Ensure adequate ventilation.
- Environmental precautions Spilled preparation should be removed immediately to avoid formation of dust from dried preparation. Take up by mechanical means preferably by a vacuum cleaner equipped with a high efficiency filter. Flush remainder carefully with plenty of water. Avoid splashing and high pressure washing (avoid formation of aerosols). Ensure sufficient ventilation. Wash contaminated clothing.

Methods and material for containment and clean up

- Methods for Containment Not Available.
- Methods for Clean up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practices.

Conditions for safe storage, including any incompatibilities

- Storage Conditions Keep containers tightly closed in a dry, cool, and well-ventilated place.
- Incompatible Materials Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls

Engineering Controls

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium Hydroxide, 1310-73-2	Ceiling: 2 mg/m ³ Ceiling	TWA: 2 mg/m ³	10 mg/m ³

Individual protection measures, such as personal protective equipment

- Eye/Face Protection Avoid contact with eyes.
- Skin and Body Protection No special technical protective measures are necessary.
- Respiratory Protection In case on insufficient ventilation, wear suitable respiratory equipment.
- General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State Liquid Odor Slight Fermentation
 Color Opaque Odor Threshold Not Determined

Property	Values	Remarks - Method
pH	Not Available	
Melting Point/Freezing Point	Not Available	
Boiling Point/Boiling Range	Not Available	
Flash Point	Not Available	
Evaporation Rate	Not Available	

Flammability (Solid, Gas)	Not Available
Upper Flammability Limits	Not Available
Lower Flammability Limits	Not Available
Vapor Pressure	Not Available
Vapor Density	Not Available
Specific Gravity	Not Available
Water Solubility	Not Available
Solubility in other solvents	Not Available
Partition Coefficient	Not Available
Auto-ignition Temperature	Not Available
Decomposition Temperature	Not Available
Viscosity	Not Available
Explosive Properties	Not Available
Oxidizing Properties	Not Available

10. STABILITY AND REACTIVITY

Reactivity	Not Available
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Stable under normal conditions. Excessive temperature variations below 32° F or above 155° F.
Incompatible materials	Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures.
Hazardous Decomposition Products	Carbon dioxide.
Hazardous Polymerization	Not Available.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact	May cause slight irritation. Contact with eyes may cause irritation.
Skin contact	Non-irritating during normal use.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Inhalation	No know effect bases on information supplied. Inhalation of dust in high concentration may cause irritation of respiratory system.

Symptoms related to the physical, chemical, and toxicological characteristics

Not Available.

Carcinogenicity

Not a known carcinogen based on information provided.

Reproductive toxicity

Not Available.

Toxicological information

Not Available.

12. ECOLOGICAL INFORMATION

Ectotoxicity

Chemical Name	Freshwater Algae	Water Flea
Sodium Bicarbonate, 144-55-8	EC50 = 650 mg/L 120 h	EC50 = 2350 mg/L 48 h
Sodium Citrate, 497-19-8	EC50 = 242 mg/L 120 h	EC50 = 265 mg/L 48 h
EDTA, 64-02-8	EC50 = 1.01 mg/L 72 h	EC50=610 mg/L 48 h
Sodium Sulphate, 7757-82-6	-	EC50 = 2564 mg/L 48 h
Propylene Glycol, 57-55-6	EC50 = 19000 mg/L 96 h	EC50>1000 mg/L 48 h

**Carpet Ease Extraction
Persistence and degradability**

GRN-605

Revision Date: May 28, 2015

Bioaccumulative potential

The components of the product are biodegradable.

Not Available.

Other adverse effects

Not Available.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions

Hazardous Waste Code

Not Available.

**Waste from residues / unused
products**

Dispose of contents in accordance with local regulations.

Contaminated Packaging

Dispose of wastes in an approved waste disposal facility.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT I.D. Number

Not regulated

DOT Proper Shipping Name

Not regulated

DOT Hazard Classes:

Not regulated

US DOT

Not regulated

Road (ADR)

Not regulated

Air (ICAO/IMDG)

Not regulated

Sea (IMO/IMDG)

Not regulated

Packing Group

Not regulated

DOT Label

Not regulated

15. REGULATORY INFORMATION

U.S. Federal Regulations

Contents of this SDS comply with OSHA Hazard Communication Standard CFR 1910.1200.

OSHA Hazard Communication Standard (29 CFR 1910.1200)

() Hazardous (X) Non- Hazardous

SARA TITLE III

Section 302/304

Extremely Hazardous Substances: Not Available

Section 311/312

(40CFR370) Hazardous Categories: None

Section 313

Contains the following SARA 313 Toxic Release Chemicals: None

CERCLA

CERCLA Regulatory

Not Regulated

State Regulations

California Prop 65

This product may contain the following ingredient(s) known to the state of California to cause cancer, birth defects or other reproductive harm:

State Right-to-Know

U.S. EPA Label Information

EPA Pesticide Registration Number

Not Applicable

TSCA
DSL/NDSL

United States Toxic Substances Control Act Section 8(b) Inventory
Canadian Domestic Substances List/Non-Domestic Substances List

16. OTHER INFORMATION

Disclaimer

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 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.

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