

# Safety Data Sheet

Issued Date: May 28,2015

Revision Date: May 28, 2015

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 <sup>3</sup> Ceiling	TWA: 2 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

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**

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The components of the product are biodegradable.

**Bioaccumulative potential**

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.

Issue Date: May 28, 2015  
Revision Date: May 28, 2015  
Revision Number: 1  
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