

Safety Data Sheet

Issued Date: June 11, 2015

Revision Date: June 11, 2015

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Grn-635 Liquid Dishwashing Soap/ Pot & Pan Degreaser (Manual)

Other means of identification

Product Code Grn-635

Recommended use of the chemical and restrictions on use

Recommended Use Manual Dishwashing and Pot and Pan Degreaser

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	2
Serious Eye - Damage/Irritation	2A
Acute Toxicity - Oral	Not classified
Acute Toxicity - Dermal	Not classified
Specific Target Organ Toxicity - Single Exposure	Not classified

Health Hazard Statement(s)

H315 – Causes skin irritation
H319 – Causes serious eye irritation

Hazard Pictogram(s)



Hazard Ratings

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

Precautionary Statement(s)

P102 – Keep out of reach of children.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.
P302+P361+P353 – IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 – If skin irritation occurs: Get medical advice/attention.
P337+P313 – If eye irritation persists: Get medical advice/attention.
P420 – Store away from other materials.
P501 – Dispose of contents/container in accordance with local authority requirements.

3. COMPOSITION/INFORMATION ON INGREDIENT

Chemical Name/Pure Substance	CAS #	Weight-%
Sodium Dodecylbenzene Sulfonate	25155-30-0	15-20
Sodium Polyethoxyethyl Dodecylsulfate	9004-82-4	5-10
Ethyl Hydroxide	64-17-5	1-5

**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	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Skin Contact	Wash off with plenty of water. If skin irritation occurs: Get medical advice/attention.
Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms and effects

Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water fog, foam, dry chemical powder, carbon dioxide.

Unsuitable Extinguishing Media: None known.

Specific Hazards Arising from the Chemical

During fire, gases hazardous to health may be formed.

Protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Keep unnecessary personnel away. Ensure adequate ventilation. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental precautions	Not available.

Methods and material for containment and clean up

Methods for Containment	Prevent further leakage/spillage if safe to do so.
Methods for Clean up	Absorb in vermiculite, dry sand, or earth and place into containers. Following product recovery, flush area with water. Clean surface to remove residual contamination.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear appropriate personal protective equipment. Avoid contact with skin and eyes. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Store away from incompatible materials. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls

Engineering Controls Provide eyewash station. General ventilation normally adequate.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Wear safety glasses with side shields (or goggles).
Skin and Body Protection	Wear protective gloves. When handling concentrated product, if contact is likely.
Respiratory Protection	No personal respiratory protective equipment normally required.
General Hygiene Considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Occupational Exposure Limits

US. ACGIH Threshold Limit Values

Components	Type	Value
Ethyl Hydroxide 64-17-5	STEL	1000 ppm

Control Parameters

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Ethyl Hydroxide 64-17-5	PEL	1900 mg/m ³ 1000 ppm

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State

Liquid

Odor

Citrus

Color

Green

Odor Threshold

Not Determined

Property

Values

Remarks - Method

pH

6.8-8.4

Melting Point/Freezing Point

32 °F (0 °C)

Boiling Point/Boiling Range

212 °F (100 °C)

Flash Point

None to boiling

Evaporation Rate

Not available

Flammability (Solid, Gas)

Not applicable- Liquid

Upper Flammability Limits

Not available

Lower Flammability Limits

Not available

Vapor Pressure

Not available

Vapor Density

Not available

Specific Gravity

1.06

Water Solubility

Complete

Solubility in other solvents

Not available

Liquid Dishwashing Soap/ Pot & Pan Degreaser
 Partition Coefficient Not available
 Auto-ignition Temperature Not available
 Decomposition Temperature Not available
 Viscosity Not available
 Explosive Properties Not available
 Oxidizing Properties Not available

Grn-635

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10. STABILITY AND REACTIVITY

Reactivity Non-reactive under normal conditions of use, storage, and transport.
Chemical Stability Stable under normal conditions.
Conditions to Avoid Contact with incompatible materials. Do not mix with other chemicals.
Incompatible materials Strong oxidizing agents.
Hazardous Decomposition Products Not hazardous decomposition products are known.
Hazardous Polymerization Not available.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact Causes serious eye irritation.
Skin contact Causes skin irritation.
Ingestion Expected to be a low ingestion hazard.
Inhalation No adverse effects due to inhalation are expected.

Symptoms related to the physical, chemical, and toxicological characteristics

Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

Product	Test Results
Liquid Dishwashing Soap/Pot & Pan Degreaser	Acute Dermal LD50 Rabbit: > 5000 mg/kg Acute Oral LD50 Rat: > 5000 mg/kg

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity This product is not expected to cause reproductive or developmental effects.
Toxicological information Occupational exposure to the substance or mixture may cause adverse effects.

12. ECOLOGICAL INFORMATION

Ectotoxicity 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.
Persistence and degradability Not available
Bioaccumulative potential Not available
Other adverse effects Not other adverse environmental effects are expected from this component.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous Waste Code	The waste code should be assigned between the user, the producer, and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.
Contaminated Packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

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:	
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)

(X) Hazardous () Non- Hazardous

SARA TITLE III

Section 302/304 Extremely Hazardous Substances: No
 Section 311/312 (40CFR370) Hazardous Categories: No
 Section 313 Contains the following SARA 313 Toxic Release Chemicals: Not regulated

CERCLA

CERCLA Regulatory Reportable Quantity Sodium Dodecylbenzene Sulfonate (25155-30-0): Listed
 Sodium Dodecylbenzene Sulfonate (25155-30-0): 1000

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: None

Component	Massachusetts RTK	New Jersey RTK	Pennsylvania RTK	Rhode Island RTK
Ethyl Hydroxide (64-17-5)	X		X	
Sodium Dodecylbenzene Sulfonate (25155-30-0)	X		X	X

Inventories

TSCA: United States and Puerto Rico

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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