

**KIMBALL
MIDWEST**
Specializing in Materials Management
SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity: Grime-Away Natural Citrus D-Limonene Hand Cleaner 80-1996 & 80-1997

Recommended use of the chemical and restrictions on use:

Product Use: Use as hand soap

Uses Advised Against: None known

Manufactured for: Kimball Midwest
4800 Roberts Road
Columbus, OH 43228
Information Telephone: 800-233-1294

Emergency Phone: 800-424-9300 (Chemtrec)

SDS Date of Preparation: 2/23/15

2. HAZARDS IDENTIFICATION

GHS Classification:

Physical:	Health:
Not Hazardous	Eye Irritant Category 2 Skin Sensitizer Category 1

GHS Label Elements:

Warning!



Contains: Alcohol Ethoxylate, Citrus Terpenes

Statements of Hazard

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Precautionary Phrases

P261 Avoid breathing mist, vapors, or spray.

P264 Wash thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical attention.

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P302+P352 IF ON SKIN: Wash with plenty of water.
P333+P313 If skin irritation or rash occurs: Get medical attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents and container in accordance with local, state, and national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Refined Soybean Oil	8001-22-7	<30%
Alcohol Ethoxylate	68439-46-3	<2%
Citrus Terpenes	94266-47-4	<2%
Crystalline Silica (as Quartz)*	14808-60-7	<1%

*The carcinogen classification for Crystalline Silica applies to respirable forms only. Not applicable to this product.

The exact concentration is being withheld as a trade secret.

4. FIRST AID MEASURES

Eye: Immediately flush eyes with large quantities of water for several minutes, while holding the eyelids apart. Get medical attention if irritation persists.

Skin: Flush thoroughly with water for several minutes. Get medical attention if irritation or rash occurs. Remove and launder clothing before re-use.

Inhalation: Remove victim to fresh air. Get medical attention.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if you feel unwell.

Most Important Symptoms: May cause moderate to severe eye irritation. May cause skin sensitization.

Indication of immediate medical attention/special treatment: Immediate medical attention is not required.

5. FIRE-FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media: Use any media that is suitable for the surrounding fire.

Specific Hazards Arising from the Chemical: This product is not flammable or combustible. Aqueous solutions may cause surfaces to be extremely slippery and cause a slip hazard. Thermal decomposition may release carbon monoxide, carbon dioxide, citrus terpenes, and irritating smoke.

Special Protective Equipment and Precautions for Fire-Fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water spray. Contain water used in firefighting from entering sewers or natural waterways.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Isolate the area and remove unprotected people. Wear suitable protective clothing to prevent skin and eye contact. Ventilate the area.

Methods and Materials for Containment and Cleaning Up: Contain and collect using inert absorbent materials and place in appropriate containers for disposal. Keep out of sewers and waterways. Notify authorities of releases as required.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes, skin and clothing. Wear protective clothing and equipment. Avoid breathing mists or vapors. Use only with adequate ventilation. Wash thoroughly with water after handling. Keep containers closed when not in use. Wash clothing before re-use.

Do not reuse containers. Empty containers retain product residues which can be hazardous. Follow all SDS precautions when handling empty containers.

Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, dry, well-ventilated area away from oxidizers and other incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Refined Soybean Oil (as vegetable oil mist)	5 mg/m ³ (respirable fraction), 15 mg/m ³ (total dust) TWA OSHA PEL
Alcohol Ethoxylate	None Established
Citrus Terpenes	None Established
Crystalline Silica (as Quartz)	<u>10 mg/m³</u> TWA OSHA PEL (Respirable fraction) % SiO ₂ + 2 <u>30 mg/m³</u> TWA OSHA PEL (Total dust) % SiO ₂ + 2 0.025 mg/m ³ TWA ACGIH TLV (Respirable)

Engineering Controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Respiratory Protection: In operations where exposure levels are excessive, an approved respirator with dust/mist cartridges or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Skin Protection: Chemical resistant gloves recommended to prevent prolonged skin contact during processing. Contact your glove supplier for assistance in selecting an appropriate glove.

Eye Protection: Wear chemical safety goggles if contact is possible.

Other: Impervious coveralls, apron and boots is required to prevent skin contact and contamination of personal clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pumpkin color liquid with grit	Flammable Limits: LEL: Not applicable UEL: Not applicable
Odor: Citrus scent	Vapor Pressure: Not available
Odor Threshold: Not available	Vapor Density: Not available
pH: 7.5	Relative Density: 0.992

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Melting/Freezing Point: 25°F (-3.9°C)	Solubility (ies): Soluble in water
Initial Boiling Point/Range: >200°F (93.3°C)	Partition Coefficient Octanol/Water: Not available
Flashpoint: None	Auto-ignition Temperature: Not available
Evaporation Rate: Not available	Decomposition Temperature: Not available
Flammability (solid, gas): Not applicable	Viscosity: 10,000-16,000 cPs

10. STABILITY AND REACTIVITY

Reactivity: Not normally reactive

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: None known.

Incompatible Materials: Strong oxidizers, strong acids, and metals such as brass and copper.

Hazardous Decomposition Products: When heated to decomposition emits carbon monoxide, carbon dioxide, citrus terpenes, and irritating smoke.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

Eye: May cause moderate to severe irritation with redness, tearing and pain.

Skin: Repeated or prolonged contact may cause irritation. May cause an allergic skin reaction (sensitization).

Inhalation: Inhalation of mists or vapors may cause irritation of the nose, throat and respiratory tract.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea and vomiting.

Chronic: None known.

Sensitization: This product is expected to cause sensitization.

Carcinogenicity: Crystalline silica quartz is listed as "Carcinogenic to Humans" (Group 1) by IARC and "Known to be a Human Carcinogen" by NTP. The crystalline silica only presents a risk of cancer by inhalation of very fine dust. In this product, the crystalline silica is not present as a respirable dust. None of the other components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, OSHA or the EU CLP.

Germ Cell Mutagenicity: Not expected to cause germ cell mutagenicity.

Reproductive Toxicity: Not expected to cause reproductive harm.

Numerical Measures of Toxicity: No data available for the mixture. The following are the toxicity values for the components:

Refined Soybean Oil: No toxicity data available

Alcohol Ethoxylate: Oral rat LD50: >2000 mg/kg, Skin rat LD50: >2000 mg/kg

Citrus Terpenes: Oral rat LD50: >5000 mg/kg, Skin rabbit LD50: >5000 mg/kg

Crystalline Silica (as Quartz): Oral Rat LD50 - >22,500 mg/kg.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Alcohol Ethoxylate: 96 hr LC50 Rainbow trout: 5-7 mg/L, 48 hr EC50 Daphnia magna: 2.5 mg/L

This product is expected to be harmful to the aquatic environment with long-term adverse effects. Releases to the environment should be avoided.

Persistence and Degradability: Alcohol Ethoxylate: Readily biodegradable.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available

Other Adverse Effects: No data available

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local and national environmental regulations.

14. TRANSPORT INFORMATION

DOT Hazardous Materials Description:

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

IMDG/IATA/ICAO Hazardous Materials Description:

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

15. REGULATORY INFORMATION

CERCLA 103 Reportable Quantity: This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA TITLE III:

Hazard Category for Section 311/312: Acute Health

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

California Proposition 65: This product contains substances known in the State of California to cause cancer and/or reproductive harm.

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on TSCA inventory.

16. OTHER INFORMATION

Grime-Away Natural Citrus D-Limonene Hand Cleaner 80-1996 & 80-1997

NFPA Rating: Health = 2

Flammability = 0

Instability = 0

HMIS Rating: Health = 2

Flammability = 0

Physical Hazard = 0

Revision Summary:

2/23/15: New SDS

NOTICE

The above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Kimball Midwest shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.