



206 B. North Main St.
Jackson, CA 95642-2332

Telephone: (209) 223-5906
FAX: (209) 223-7994
Emergencies: (800) 255-3924
Outside U.S. &
Canada (Call Collect): (813) 248-0585

Section 1 – Product Identity as used on Label

CITRUS UNIVERSAL GUNK REMOVER

MSDS Prepared: June 1999

Manufacturer: Red Juice Products
707 N.E. Broadway, Suite 21
Portland, OR 97232

MATERIAL SAFETY DATA SHEET (MSDS)

Section 2 – Hazardous Ingredients/Identity Information

Hazardous Components <i>(Specific Chemical Identity/Common Names(s))</i>	CAS #	TWA	STEL	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Exchange Oil D' Limonene*	5989275	N/E	N/E	N/E	N/D	N/D	N/D
Alkyleneoxy polyethylene oxyethanol*	68131408	N/E	N/E	N/E	N/D	N/D	N/D
Nonylphenol polyethylene ethoxylate*	127087870	N/E	N/E	N/E	N/D	N/D	N/D

*SARA III: No; Prop. 65: No

NFPA Ratings: Health: 1 Fire: 0 React: 0 Specific Hazard: None

HMIS Ratings: Health: N/D Fire: N/D React: N/D PPI: N/D

Section 3 – Physical/Chemical Characteristics

Boiling Point

150°F

Vapor Pressure (mm Hg)

N/A

Vapor Density (Air=1)

N/A

Solubility in Water

Emulsifies

Appearance and Odor

Light orange liquid, orange odor

Specific Gravity (H₂O=1)

0.92

Melting Point

N/A

Evaporation Rate (H₂O=1)

>1

pH

4.0-7.0 (Conc.)

Percent Volatile Organics

50% at Room Temperature

Section 4 – Fire and Explosion Hazard Data

Flash Point 1 (Method used)

140°F; COC

Extinguishing Media

Water Spray, CO₂, Dry Foam, Dry Chemical

Special Fire Fighting Procedures

N/D

Flammable Limits

(In air, % by volume)

LEL

N/A

UEL

N/A

Auto Ignition Temperature

N/D

Unusual Fire and Explosion Hazards

None

Section 5 – Reactivity Data

Stability: Unstable Stable
XX
Conditions to avoid
None special

Incompatibility (Materials to avoid)

None known

Hazardous Decomposition or Byproducts

None

Hazardous Polymerization: May Occur Will Not Occur
XX
Conditions to Avoid
None special

N/A = Not Applicable

N/D = No Data Available

N/E = Data Not Established

Continued on reverse

Section 6 – Health Hazard Data

Primary Route(s) of Entry: **Inhalation?** **Skin?** **Ingestion?** **Eyes?**
N/D

Health Hazards (Acute and Chronic)

N/D

Carcinogenicity: **NTP?** **IARC Monographs?** **OSHA Regulated?**
None

Signs and Symptoms of Exposure

Eyes: May cause moderate to severe irritation. Prolonged contact may cause corneal damage.

Skin: Prolonged contact with the concentrate may cause skin irritation.

Skin Absorption: N/D

Ingestion: Can cause nausea, vomiting, and abdominal pain.

Inhalation: Inhalation of the dust or mist may cause irritation of the upper respiratory tract.

Medical Conditions Generally Aggravated by Exposure

N/D

™Emergency and First Aid Procedures

Eyes: Wash eyes with plenty of running water, lifting the eyelids occasionally. Call a physician at once.

Skin: Wash affected area thoroughly with plenty of running water. If irritation persists, call a physician.

Ingestion: Give two large glasses of water or milk. If vomiting occurs, keep airways clear. Call a physician at once.

Inhalation: Remove person to fresh air. If irritation persists, call a physician at once.

Section 7 – Precautions for Safe Handling and Use

Steps To Be Taken in Case Material is Released or Spilled

Absorb small spills on inert material. Sweep up and wash affected area with water. Contain large spills by diking with inert material. Vacuum up spilled material into proper disposal containers.

Waste Disposal Method

Dispose small and incidental spills to sanitary sewer after dilution, according to local regulations. Large spills and absorbent material should be disposed of in accordance with local, state, and federal EPA regulations.

⚠️ All wastes must be disposed of in accordance with federal, state and local regulations.

Precautions To Be Taken in Handling and Storing

N/D

Dot shipping Classification

N/D

Section 8 – Control Measures

Respiratory Protection (Specific Type)

Respirator not required under normal use conditions.

Ventilation	Local Exhaust Mechanical (General)	Special Other None specific
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Protective Gloves

Rubber/PE gloves recommended

Eye Protection

Safety glasses or goggles recommended

Other Protective Clothing or Equipment

None special

Work/Hygienic/Maintenance Practices

N/D

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