

Material Safety Data Sheet



PREPTONE Low VOC Handwipe Solvent

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2177A Flintstone Drive
TUCKER, GA 30084
www.ecolink.com
email: info@ecolink.com
800/886-8240 or
770/621-8240 (9-5 EST)

FOR CHEMICAL EMERGENCY
Call INFOTRAC
800/535-5053 (24 HOURS)

Section I: Product Identification

Product name: PREPTONE
Synonym: Acetone/Terpene Blend
Molecular Formula: N/A

The “Plain English” Section

Material Safety Data Sheets can be confusing. Federal law requires us to print a great deal of technical information, which probably won't help the non-scientist. ECOLINK includes this “PLAIN ENGLISH” section, written to address the questions and concerns of the average person. If you have additional health, safety or product questions, don't hesitate to call us at 800/886-8240.

Health Hazards: PREPTONE is an industrial solvent. We call it “environmentally preferred” because it is intended to replace products that are more hazardous, (1,1,1 trichloroethane, mineral spirits, MEK, etc.). This does not mean that PREPTONE is completely harmless. It is strong enough to remove tough industrial soils, so it can irritate your skin. We suggest you wear gloves, and avoid extended exposure to unprotected skin. Don't get it in your eyes, or breath large amounts of the vapor, (it will dry out your nasal passages). Used on a rag or from a spray bottle, the product won't produce fumes in any great quantity, (don't spray PREPTONE under high pressure without adequate ventilation). For more exposure and first aid information, refer to MSDS Section VI.

Fire Hazard: PREPTONE is EXTREMELY Flammable, which is why it dries so quickly. Under no circumstance can you use this solvent around open or potential ignition sources, (think about welding tools, sparks from equipment, smoking, etc). Rags must be handled as extremely flammable, too and deposited into properly marked rag containers. If you cannot find a rag bin – place the rags into a bucket of water after use. If you are unsure about the safest way to use PREPTONE, please call us and we will help!

Section II: Hazardous Components

Chemical Name	Acetone
CAS No.	67-64-1
Approx. wt. %	>90.0%
Exposure	ACGIH-TLV – 500 ppm TWA OSHA-PEL – 1000 ppm TWA

Chemical Name	Highly Refined Citrus Terpene
CAS No.	5989-27-5
Approx. wt. %	<10.0%
Exposure	ACGIH-TLV – N/E OSHA-PEL – N/E *MREL – 100 ppm TWA

(*Manufacturers Recommended Exposure Limit)

ALL MATERIALS IN PRODUCT ARE TSCA LISTED

RCRA REGULATED:	Yes
CERCLA (superfund):	Reportable 5555 lbs (851 gls)
DOT Regulated:	Yes
DOT Haz. Class:	3, PG II
DOT Shipping Name:	Flammable liquid, NOS
DOT Number:	UN1993

TSCA 12(b) Export Notification required for Acetone

Note: **Preptone** is extremely flammable, and should be handled with care.

Section III: Physical Data

Appearance & Odor:	Clear, colorless liquid with strong solvent odor.
Boiling Point:	133°F.
Evaporation Rate (Ether = 1):	1.9
Melting Point:	N/A
Solubility In Water:	Approx. 90%
Specific Gravity:	0.795
VOC Content:	79 gm/l
Vapor Pressure (mm Hg):	0.14 @ 20°C excluding exempt compounds.
Vapor Density (AIR=1):	2.1
Percent Volatile:	100%

Section IV: Fire and Explosion Hazard Data

Flash Point (Method):
Bulk Liquid (TCC) 0° F

Flammable Limits:
LEL 2.6
UEL 12.8

Extinguishing Media:
Water fog, alcohol foam, dry chemical, or CO₂.

Special Fire Fighting Procedures:
Danger, extremely flammable. Clear area of unprotected personnel and isolate. Use full bunker gear including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

Unusual Fire & Explosion Hazards:
Containers exposed to intense heat should be cooled with water to prevent vapor pressure buildup, which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

Section V: Reactivity Data

Stability: Stable

Conditions to Avoid:
Temperature extremes. Heat, sparks or open flame.

Incompatibility (materials to avoid) : Avoid contact with strong oxidizing agents.

Hazardous Decomposition:
Carbon Monoxide and unidentified organic compounds may be formed during combustion.

Hazardous Polymerization:
Will not occur.

Section VI: Health Hazard Data

Primary Routes of Exposure:

Ingestion:
Can cause central nervous system depression.

Inhalation:
Vapors may irritate eyes, nose, and throat. Greater exposure may produce headaches, general intoxication, and other central nervous system effects.

Eyes:
Liquid is severely irritating to the eyes. High vapor concentrations may cause irritation.

Skin or Contact:
Liquids mildly irritating to the skin. Prolonged use can result in defatting and drying of the skin that may result in dermatitis.

First Aid:

Ingestion: If conscious, give 2 glasses of water and induce vomiting. Call physician immediately.

Inhalation: Remove to fresh air. If breathing difficult, give oxygen. Call physician

Eyes: Irrigate immediately with water for at least 15 minutes. Call physician.

Skin: Wash off in flowing water or shower using soap. Thoroughly clean contaminated clothing and shoes before reuse. If symptoms persist, seek medical attention.

Carcinogen: NTP – Not Listed
IARC Monographs – None
OSHA REGS – Not Regulated

Section VII: Precautions for Safe Handling

HMIS Information:
Health – 1 / Reactivity – 0
Flammability – 3 Personal Protection – C

HMIS Definition:
0 – Minimal 1 – Slight 2 – Moderate 3 – Serious 4 – Extreme
“/” in the Health Category denotes material does not target any major organs.
“**” In the Health Category denotes material may target certain organs.

Eye Protection:
Safety glasses and splash protection recommended. Do not wear contact lenses.

Protective Gloves:
Impervious gloves such as butyl rubber are recommended.

Respiratory Protection:
Use a NIOSH approved respirator if exposure limits are exceeded.

Ventilation: Well ventilated area.

Other Protective Clothing: Apron and rubber boots, if needed.

Work Practices: Wash hands after use. Provide eyewash and safety showers convenient to the workplace.

Section VIII: Control Measures

Small Spill: Remove all sources of ignition. Handling equipment must be grounded. Wear protective equipment. Absorb liquid on absorbent material.

Large Spill: Remove all sources of ignition. Persons not wearing protective equipment should be excluded from area. Dike and contain. Water fog may be useful in suppressing vapor cloud. Pump into suitable tank/drum. Soak up residue with absorbent material.

Waste Disposal Method: PREPTONE liquid is to be disposed of according to local, state, and federal regulations. Please call us if you need additional disposal information.

Under **RCRA**, this material is considered a hazardous waste due to flashpoint. The EPA hazardous waste number is D001.

Section VIII: Control Measures, continued

Precautions To Be Taken In Handling & Storing: Keep away from heat, sparks and open flames. Keep away from hot surfaces. Use with adequate ventilation. Vapors may accumulate and travel to ignition sources distant from handling site. Flash-fire can result. Keep containers closed when not in use. Empty containers can contain explosive vapors. Do not cut, grind, drill or weld near containers. Static electricity may create a fire hazard. Ground fixed equipment. Keep out of reach of children.

Other Precautions: Keep this and all chemicals out of the reach of children.

Section IX: Part Number and Packaging

<u>Product Name</u>	<u>Part No.</u>	<u>Packaging</u>
Preptone	1093-55	55 Gal Drum
Preptone	1093-5	5 Gal Pail
Preptone	1093-1	4 x 1 Gal Case

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END OF MSDS