

SAFETY DATA SHEET



SECTION 1 – IDENTIFICATION

Product Identifier: Leach Stop
Product Use: Architectural Stone Sealer
Manufactured for: Presto Restoration Products
401 East Jackson Street
Suite 2340
Tampa, Florida 33602

Emergency Telephone #:
INFOTRAC 1-352-323-3500 (Int'l)
1-800-535-5053 (North America)
Company Phone Number:
1-877-329-0472
770-454-8725

Date Prepared: August 12, 2015
Date Revised: July 29, 2024

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SECTION 2 – HAZARD(S) IDENTIFICATION

Appearance Clear liquid

Physical State Liquid

Odor Petroleum

Classification

Carcinogenicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable Liquids	Category 4

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed
May be harmful in contact with skin
Causes mild skin irritation

Signal Word

Danger

Hazard Statements

Suspected of causing cancer
May cause damage to organs through prolonged or repeated exposure
May be fatal if swallowed and enters airways
Combustible liquid



Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Do not breathe dust/fume/gas/mist/vapors/spray
Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Precautionary Statements - Response

If exposed or concerned: Get medical advice/attention
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do not induce vomiting
IN CASE OF FIRE: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up
Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

Toxic to aquatic life with long lasting effects

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SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Proprietary Solvent	Proprietary	90-99
Proprietary aromatic hydrocarbon #1	Proprietary	<5
Proprietary aromatic hydrocarbon #2	Proprietary	<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.

SECTION 4 – FIRST AID MEASURES

First Aid Measures

General Advice:

If exposed or concerned: Get medical advice/attention.

Eye Contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention if irritation develops.

Skin Contact:

Wash with plenty of soap and water. Wash contaminated clothing before reuse. If irritation or redness develops, seek medical attention.

Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Call for prompt medical attention.

Ingestion:

Do not induce vomiting. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. Call a physician or poison control center immediately.

Most Important Symptoms and Effects

Symptoms:

May be fatal if swallowed and enters airways. Causes mild skin irritation. Overexposure by inhalation may be irritating to respiratory passages and cause other effects such as nausea, dizziness and drowsiness. Irritating to mouth, throat, and stomach if ingested. Nausea and vomiting with gastrointestinal disorder. May aggravate pre-existing skin conditions.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to Physician:

Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide (CO₂). Dry chemical. Foam.

Unsuitable Extinguishing Media

Not determined.

Specific Hazards Arising from the Chemical

Combustible liquid.

Hazardous Combustion Products

Carbon monoxide. Carbon dioxide (CO₂).

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.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions. Protective Equipment and Emergency Procedures

Personal Precautions:

Use personal protective equipment as required. Remove all sources of ignition.

Environmental Precautions:

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

Methods and Material for Containment and Cleaning Up

Methods for Containment:

Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up:

Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

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SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapors or spray mist. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions:

Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep locked up and out of reach of children. Store away from incompatible materials.

Incompatible Materials:

Strong acids. Oxidizing agents.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Proprietary aromatic hydrocarbon #1	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m ³	-
Proprietary aromatic hydrocarbon #2	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m ³	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 mg/m ³
Proprietary Alcohol	TWA: 20 ppm	TWA: 100 ppm TWA: 300 mg/m ³ (vacated) S* (vacated) Ceiling: 50 ppm (vacated) Ceiling: 150 mg/m ³	IDLH: 1400 ppm Ceiling: 50 ppm Ceiling: 150 mg/m ³

Appropriate Engineering Controls

Engineering Controls:

Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

Individual Protection Measures, Such as Personal Protective Equipment

Eye/Face Protection:

Tight sealing safety goggles. Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection:

Wear rubber, nitrile, or neoprene gloves. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection:

Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection. Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene

Considerations:

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Appearance	Color	Odor	Odor Threshold
Liquid	Clear liquid	Clear	Petroleum	Not determined

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Property	Values	Remarks • Method
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	186 °C / 368 °F	
Flash Point	61 °C / 142 °F	
Evaporation Rate	> 1	(butyl acetate = 1)
Flammability (Solid, Gas)	Liquid-not applicable	
Upper Flammability Limits	7%	
Lower Flammability Limit	1%	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	0.8-0.85	
Water Solubility	Not soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content	90% - 95%	

SECTION 10 – STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

See Sec. 7 Handling & Storage.

Incompatible Materials

Strong acids. Oxidizing agents.

Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO₂).

SECTION 11 – TOXOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

<u>Eye Contact:</u>	Avoid contact with eyes.
<u>Skin Contact:</u>	May be harmful in contact with skin. Causes mild skin irritation.
<u>Inhalation:</u>	Avoid breathing vapors or mists.
<u>Ingestion:</u>	May be harmful if swallowed.

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Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary Solvent	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h
Proprietary aromatic hydrocarbon #1	= 3500 mg/kg (Rat)	> 4350 mg/kg (Rabbit) > 1700 mg/kg (Rabbit)	= 29.08 mg/L (Rat) 4 h = 5000 ppm (Rat) 4 h
Proprietary aromatic hydrocarbon #2	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.2 mg/L (Rat) 4 h
Proprietary Alcohol	= 700 mg/kg (Rat) = 790 mg/kg (Rat)	= 3400 mg/kg (Rabbit) = 3402 mg/kg (Rabbit)	> 8000 ppm (Rat) 4 h

Information on Physical, Chemical and Toxicological Effects

Symptoms: Please see section 4 of this SOS for symptoms.

Delayed and Immediate Effects as Well as Chronic Effects From Short and Long-Term Exposure

Carcinogenicity: Suspected of causing cancer.

Chemical Name	ACGIH	IARC	NTP	OSHA
Proprietary aromatic hydrocarbon #1		Group 3		
Proprietary aromatic hydrocarbon #2	A3	Group 2B		X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans (Ethylbenzene)

Group 3 IARC components are "not classifiable as human carcinogens"

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

STOT - Repeated Exposure: May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard: May be fatal if swallowed and enters airways.

Numerical Measures of Toxicity

Not determined

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Proprietary Solvent		45: 96 h Pimephales promelas mg/L LC50 flow-through 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 2.2: 96 h Lepomis macrochirus mg/L LC50 static		4720: 96 h Den-dronereides heteropoda mg/L LC50

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Proprietary aromatic hydrocarbon #1		13.4: 96 h Pimephales promelas mg/L LC50 flow-through 2.661 - 4.093: 96 h Oncorhynchus mykiss mg/L LC50 static 30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50 static 23.53 - 29.97: 96 h Pimephales promelas mg/L LC50 static 780: 96 h Cyprinus carpio mg/L LC50 780: 96 h Cyprinus carpio mg/L LC50 semi-static 7.711 - 9.591: 96 h Lepomis macrochirus mg/L LC50 static 19: 96 h Lepomis macrochirus mg/L LC50 13.5 - 17.3: 96 h Oncorhynchus mykiss mg/L LC50 13.1 - 16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through	EC50 = 0.0084 mg/L 24 h	3.82: 48 h water flea mg/L EC50 0.6: 48 h Gammarus lacustris mg/L LC50
Proprietary aromatic hydrocarbon #2	4.6: 72 h Pseudokirchneriella subcapitata mg/L EC50 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 438: 96 h Pseudokirchneriella subcapitata mg/L EC50 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static	11.0 - 18.0: 96 h Oncorhynchus mykiss mg/L LC50 static 4.2: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 9.6: 96 h Poecilia reticulata mg/L LC50 static 32: 96 h Lepomis macrochirus mg/L LC50 static 9.1 - 15.6: 96 h Pimephales promelas mg/L LC50 static 7.55 - 11: 96 h Pimephales promelas mg/L LC50 flow-through	EC50 = 9.68 mg/L 30 min EC50 = 96 mg/L 24 h	1.8 - 2.4: 48 h Daphnia magna mg/L EC50
Proprietary Alcohol	500: 96 h Desmodesmus subspicatus mg/L EC50 500: 72 h Desmodesmus subspicatus mg/L EC50	1730 - 1910: 96 h Pimephales promelas mg/L LC50 static 1740: 96 h Pimephales promelas mg/L LC50 flow-through 100000 - 500000: 96 h Lepomis macrochirus µg/L LC50 static 1910000: 96 h Pimephales promelas µg/L LC50 static		1983: 48 h Daphnia magna mg/L EC50 1897 - 2072: 48 h Daphnia magna mg/L EC50 Static

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
Proprietary aromatic hydrocarbon #1	2.77 - 3.15
Proprietary aromatic hydrocarbon #2	3.118
Proprietary Alcohol	0.785

Other Adverse Effects

Not determined

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SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

US EPA Waste Number

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Proprietary aromatic hydrocarbon #1		Included in waste stream: F039		U239
Proprietary aromatic hydrocarbon #2		Included in waste stream: F039		
Proprietary Alcohol		Included in waste stream: F039		U031

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Proprietary aromatic hydrocarbon #1	Toxic Ignitable
Proprietary aromatic hydrocarbon #2	Toxic Ignitable
Proprietary Alcohol	Toxic

SECTION 14 – TRANSPORT INFORMATION

Note: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. According to 49 CFR §173.150(f)(1), this material should be reclassified as "NA1993, Combustible Liquid, N.O.S." if it is shipped in bulk.

DOT: Not regulated

IATA: Not regulated

IMDG:
Marine Pollutant This material may meet the definition of a marine pollutant

SECTION 15 – REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Proprietary Solvent	Present	X		Present		Present	X	Present	X	X
Proprietary aromatic hydrocarbon #1	Present	X		Present		Present	X	Present	X	X
Proprietary aromatic hydrocarbon #2	Present	X		Present		Present	X	Present	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

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US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Proprietary aromatic hydrocarbon #1	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
Proprietary aromatic hydrocarbon #2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Proprietary Alcohol	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Proprietary aromatic hydrocarbon #1 -		<5	1.0
Proprietary aromatic hydrocarbon #2 -		<5	0.1
Proprietary Alcohol -		<1	1.0

CWA (Clean Water Act)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Proprietary aromatic hydrocarbon #1	100 lb			X
Proprietary aromatic hydrocarbon #2	1000 lb	X	X	X

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Proprietary aromatic hydrocarbon #2 -	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Proprietary aromatic hydrocarbon #1	X	X	X
Proprietary aromatic hydrocarbon #2	X	X	X
Proprietary Alcohol	X	X	X

SECTION 16 – OTHER INFORMATION

NFPA	Health Hazards Not determined	Flammability Not determined	Instability Not determined	Special Hazards Not determined
HMIS	Health Hazards 2	Flammability 2	Physical Hazards 0	Personal Protection B

Issue Date: 12-Aug-2015
Revision Date: 29-July-2024
Revision Note: New format. Updated company address & phone number.

Disclaimer

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