

# SAFETY DATA SHEET

PERMAGLAZE 15,25,30%

FILE NO.:

DATE: 09/27/2024

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: Permaglaze 15,25,30%

SYNONYMS: PG-15,25,30%

PRODUCT CODES:

MANUFACTURER: Absolute Concrete Products

DIVISION:

ADDRESS: 144 S. Main St. Union, OR 97883

EMERGENCY PHONE: 1-800-535-5053 (24 Hour)

INFOTRAC PHONE: +1-352-323-3500 or 1-800-535-5053

OTHER CALLS: (541) 562-2000

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## SECTION 2: HAZARDS IDENTIFICATION

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### POTENTIAL HEALTH EFFECTS

#### EYES:

Serious eye damage/eye irritation

#### SKIN:

Causes skin irritation

#### INGESTION:

May be harmful if swallowed and enters airways

#### INHALATION:

Harmful if inhaled

May cause respiratory irritation

### CHRONIC HEALTH HAZARDS:

May cause damage to organs through prolonged or repeated exposure

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### CARCINOGENICITY

Suspected of causing cancer

### SECTION 2 NOTES:

May cause drowsiness or dizziness

The product contains no substances which at their given concentration, are considered to be hazardous to health

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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### INGREDIENT:

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
67-64-1	0-40*		
616-38-6	0-70*		
1330-20-7	0-40*		
100-41-4	0-20*		

### SECTION 3 NOTES:

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

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## SECTION 4: FIRST AID MEASURES

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### GENERAL:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

### EYES:

Do not rub affected area.

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists, get medical advice/attention.

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## SKIN:

Wash with plenty of soap and water.  
If skin irritation or rash occurs, get medical advice/attention.  
Remove all contaminated clothes and shoes.

## INGESTION:

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.  
Immediately call a POISON CENTER or doctor/physician.

## INHALATION:

Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
If experiencing respiratory symptoms, call a POISON CENTER or doctor/physician.  
If breathing has stopped, give artificial respiration.

## NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

Treat symptomatically.

## SECTION 4 NOTES:

IF exposed or concerned: Get medical advice/attention

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## SECTION 5: FIRE-FIGHTING MEASURES

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### FLASH POINT:

F: 53  
C: 11.7

### EXTINGUISHING MEDIA:

Use CO2, dry chemical, foam, or sand for extinction.

### SPECIAL FIRE FIGHTING PROCEDURES:

Wear self contained breathing apparatus for fire fighting if necessary.

### SECTION 5 NOTES:

Highly flammable liquid and vapor  
Use of water spray when fighting fire may be inefficient.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### ACCIDENTAL RELEASE MEASURES:

Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.  
Use clean non-sparking tools to collect absorbed material. Ground and bond containers when transferring material. Dike to collect large liquid spills.  
Clean contaminated objects and areas thoroughly observing environmental regulations.

### SECTION 6 NOTES:

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).  
All equipment used when handling the product must be grounded. Use personal protective equipment as required.

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## SECTION 7: HANDLING AND STORAGE

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### HANDLING AND STORAGE:

Keep container tightly closed.  
Store in a well-ventilated place.  
Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.  
Never pierce, drill, grind, cut, saw or weld any empty container.

### OTHER PRECAUTIONS:

Ground/bond container and receiving equipment

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING CONTROLS:

- Use explosion-proof electrical/ventilating/lighting/equipment
- Use only non-sparking tools
- Take precautionary measures against static discharge
- Showers
- Eyewash stations
- Ventilation systems.

### VENTILATION:

Use only outdoors or in a well-ventilated area

### RESPIRATORY PROTECTION:

Avoid breathing dust/fume/gas/mist/vapors/spray  
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.  
Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

### EYE PROTECTION:

Wear eye/face protection

### SKIN PROTECTION:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

### OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Use personal protective equipment as required

### WORK HYGIENIC PRACTICES:

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

### EXPOSURE GUIDELINES:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acetone 67-64-1	STEL: 750 ppm TWA: 500 ppm	TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup> (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m <sup>3</sup> (vacated) STEL: 2400 mg/m <sup>3</sup> The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m <sup>3</sup>
Dimethyl Carbonate 616-38-6			
Xylenes (o-, m-, p- isomers) 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m <sup>3</sup>	
Ethylbenzene 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m <sup>3</sup> (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m <sup>3</sup>	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> STEL: 125 ppm STEL: 545 mg/m <sup>3</sup>

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## SECTION 8 NOTES:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE:

Clear liquid, colorless

### ODOR:

Aromatic

### PHYSICAL STATE:

Liquid

### BOILING POINT:

F: 129.5

C: 54.2

VOLATILE ORGANIC COMPOUNDS (VOC): < 400 g/L

## SECTION 10: STABILITY AND REACTIVITY

STABLE  
X

UNSTABLE

### STABILITY:

Stable under recommended storage conditions.

### CONDITIONS TO AVOID (STABILITY):

No data available

### INCOMPATIBILITY (MATERIAL TO AVOID):

Strong oxidizing agents.

### HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

None under normal processing.

### HAZARDOUS POLYMERIZATION:

None under normal processing.

### CONDITIONS TO AVOID (POLYMERIZATION):

Extremes of temperature and direct sunlight.

## SECTION 11: TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Acetone 67-64-1	= 5800 mg/kg ( Rat )		= 50100 mg/m3 ( Rat ) 8 h
Dimethyl Carbonate 616-38-6	= 13000 mg/kg ( Rat )	> 5 mg/kg ( Rabbit )	= 33 mg/L ( Rat ) 4 h
Xylenes (o-, m-, p- isomers) 1330-20-7	= 4300 mg/kg ( Rat )	> 1700 mg/kg ( Rabbit )	= 47635 mg/L ( Rat ) 4 h = 5000 ppm ( Rat ) 4 h
Ethylbenzene 100-41-4	= 3500 mg/kg ( Rat )	= 15354 mg/kg ( Rabbit )	= 17.2 mg/L ( Rat ) 4 h

Chemical Name	ACGIH	IARC	NTP	OSHA
Xylenes (o-, m-, p- isomers) 1330-20-7		Group 3		
Ethylbenzene 100-41-4	A3	Group 2B		X

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

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Not classifiable as a human carcinogen  
 OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
 X - Present

### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	5036 mg/kg
ATEmix (dermal)	8374 mg/kg
ATEmix (inhalation-dust/mist)	29 mg/l

### SECTION 11 NOTES:

Target Organ Effects Central nervous system, Eyes, Respiratory system, Skin.

## SECTION 12: ECOLOGICAL INFORMATION

### ECOLOGICAL INFORMATION:

Chemical Name	Algae/Aquatic plants	Fish	Crustacea 1.8 - 2.4: 48 h Daphnia magna mg/L EC50
Acetone 67-64-1		4.74 - 6.33: 96 h Oncorhynchus mykiss mg/L LC50 8300: 96 h Lepomis macrochirus mg/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50
Dimethyl Carbonate 616-38-6		11.5 - 15.8: 48 h Lepomis macrochirus mg/L LC50 static	3.68: 48 h Daphnia magna mg/L EC50
Xylenes (o-, m-, p-isomers) 1330-20-7		13.4: 96 h Pimephales promelas mg/L LC50 flow-through 2.661 - 4.093: 96 h Oncorhynchus mykiss mg/L LC50 static 13.5 - 17.3: 96 h Oncorhynchus mykiss mg/L LC50 780: 96 h Cyprinus carpio mg/L LC50 semi-static 780: 96 h Cyprinus carpio mg/L LC50 13.1 - 16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through 19: 96 h Lepomis macrochirus mg/L LC50 7.711 - 9.591: 96 h Lepomis macrochirus mg/L LC50 static 23.53 - 29.97: 96 h Pimephales promelas mg/L LC50 static 30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50 static	3.82: 48 h water flea mg/L EC50 0.6: 48 h Gammarus lacustris mg/L LC50
Ethylbenzene 100-41-4	4.6: 72 h Pseudokirchneriella subcapitata mg/L EC50 438: 96 h Pseudokirchneriella subcapitata mg/L EC50 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 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 7.55 - 11: 96 h Pimephales promelas mg/L LC50 flow-through 32: 96 h Lepomis macrochirus mg/L LC50 static 9.1 - 15.6: 96 h Pimephales promelas mg/L LC50 static 9.6: 96 h Poecilia reticulata mg/L LC50 static	1.8 - 2.4: 48 h Daphnia magna mg/L EC50

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Chemical Name	Partition coefficient
Acetone 67-64-1	-0.24
Dimethyl Carbonate 616-38-6	0.23
Xylenes (o-, m-, p- isomers) 1330-20-7	2.77 - 3.15
Ethylbenzene 100-41-4	3.118

## SECTION 12 NOTES:

Harmful to aquatic life with long lasting effects

Harmful to aquatic life

## SECTION 13: DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL METHOD:

Dispose of contents/container to an approved waste disposal plant.

### US EPA WASTE NUMBER:

D001 U002 U239

Chemical Name	RCRA - Basis for Listing	RCRA - U Series Wastes
Acetone 67-64-1	Included in waste stream: F039	U002
Xylenes (o-, m-, p- isomers) 1330-20-7	Included in waste stream: F039	U239
Ethylbenzene 100-41-4	Included in waste stream: F039	

Chemical Name	California Hazardous Waste Status
Acetone 67-64-1	Ignitable
Xylenes (o-, m-, p- isomers) 1330-20-7	Toxic Ignitable
Ethylbenzene 100-41-4	Toxic Ignitable

## SECTION 13 NOTES:

Do not reuse container.

## SECTION 14: TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Paint Related Material  
HAZARD CLASS: 3  
ID NUMBER: UN 1263  
Emergency Response Guide Number: 128

## SECTION 15: REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS

#### CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and

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Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Acetone 67-64-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Xylenes (o-, m-, p- isomers) 1330-20-7	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
Ethylbenzene 100-41-4	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

### 311/312 HAZARD CATEGORIES:

None

### 313 REPORTABLE INGREDIENTS:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	SARA 313 - Threshold Values %
Xylenes (o-, m-, p- isomers) - 1330-20-7	1.0
Ethylbenzene - 100-41-4	0.1

### STATE REGULATIONS:

California Proposition 66 - This product contains the following Proposition 65 chemicals  
Ethylbenzene – 100-41-4 -Carcinogen

### U.S. STATE RIGHT-TO-KNOW REGULATIONS

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Acetone 67-64-1	X	X	X
Dimethyl Carbonate	X	-	X
Xylenes (o-, m-, p- isomers) 1330-20-7	X	X	X
Ethylbenzene 100-41-4	X	X	X

### INTERNATIONAL REGULATIONS:

#### International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Does not comply
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

## SECTION 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 a 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.