



SAFETY DATA SHEET CONCRETE CLEANER

SECTION 1: IDENTIFICATION

Product Name: Concrete Cleaner
Product Code: K15
Product Use: Soap
Manufacturer's Name: E-ZOIL Products, Inc.
Address: 234 Fillmore Avenue
Address: Tonawanda, NY 14150 USA
Business Phone: 855-693-9645
Emergency Phone: 800-633-8253 PERS
Date of Preparation: July 1, 2019
Date of Last Revision: June 1, 2020
Regulatory Standard: CFR29 1910.1200 HazCom 2012

SECTION 2: HAZARDS IDENTIFICATION

GHS-US classification
Acute Toxicity – Inhalation, Category 4
Eye Irritant, Category 2

Hazard pictograms (GHS-US):



Signal word (GHS-US): Warning

Hazard statements (GHS-US): Harmful if inhaled. Causes serious eye irritation.

Precautionary statements – Prevention (GHS-US): Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements – Response (GHS-US): If in eyes: 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. If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS Number	%
Sodium carbonate	(CAS No) 497-19-8	60-65
Pine Oil	(CAS No) 8002-09-3	<2

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

SECTION 4: FIRST AID MEASURES

First-aid measures after inhalation:	If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
First-aid measures after skin contact:	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get immediate medical advice/attention.
First-aid measures after eye contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.
First-aid measures after ingestion:	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth. Get immediate medical advice/attention.

Most important symptoms and effects, both acute and delayed:

See Section 11.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media:	None known.
Fire hazard:	Not determined.
Protection during firefighting:	Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Use water spray to keep fire-exposed containers cool.

SECTION 6: ACCIDENTAL RELEASE MEASURES

General measures:	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
For containment:	Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
Methods for cleaning up:	Scoop up material and place in a disposal container. Provide ventilation.

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	Do not get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Provide adequate ventilation.
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Hygiene measures:	Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.
Storage conditions:	Keep out of the reach of children. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Keep container tightly closed when not in use.
Storage temperature:	39 - 120 °F

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls:	Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
Hand protection :	Wear chemically resistant protective gloves.
Eye protection:	Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) / face (face shield) protection.
Skin and body protection:	Wear suitable protective clothing, including appropriate boots, boot covers, overshoes, etc., as may be appropriate.
Respiratory protection:	None necessary under normal conditions of use.
Environmental exposure controls:	Maintain levels below community environmental protection thresholds.
Other information:	Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid
Appearance:	Powder
Color:	White/yellow
Odor:	Light
Odor threshold:	No data available
pH:	No data available
Melting point:	No data available
Freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Relative evaporation rate:	No data available
Flammability (solid, gas):	No data available
Explosive limits:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available
Vapor pressure:	No data available
Relative density:	No data available
Relative vapor density at 20 °C:	No data available
Solubility:	Miscible
Partition coefficient: n-octanol/water:	No data available
Log Kow:	No data available

Auto-ignition temperature: No data available
 Decomposition temperature: No data available
 Viscosity: No data available
 Viscosity, kinematic: No data available
 Viscosity, dynamic: No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical Stability: Stable under normal storage conditions. May form flammable/explosive vapor-air mixture.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: None known based on information supplied.

Incompatible materials: None known based on information supplied.

Hazardous decomposition products: None known based on information supplied.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity: Harmful if swallowed.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium carbonate 497-19-8	= 4090 mg/kg (Rat)	-	= 2300 mg/m ³ (Rat) 2 h
Trisodium Phosphate 7601-54-9	> 2000 mg/kg (Rat)	> 300 mg/kg (Rabbit)	> 2.16 mg/L (Rat) 1 h
Pine oil 8002-09-3	= 3200 mg/kg (Rat)	= 5 g/kg (Rabbit)	-
Nonylphenol Ethoxylate 127087-87-0	= 1310 mg/kg (Rat)	-	-
Sodium alkylbenzene sulfonate 68411-30-3	1086 - 1980 mg/kg (Rat) = 404 mg/kg (Rat)	-	-

Skin corrosion/irritation: Avoid contact with skin.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitization: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation: May be harmful if inhaled.

Symptoms/injuries after skin contact: May cause skin irritation.

Symptoms/injuries after eye contact: Causes serious eye irritation.

Symptoms/injuries after ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

SECTION 12: ECOLOGICAL INFORMATION

Ecology - general: May cause long-term adverse effects in the aquatic environment.

Persistence and degradability

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium carbonate 497-19-8	242: 120 h Nitzschia mg/L EC50	300: 96 h Lepomis macrochirus mg/L LC50 static 310 - 1220: 96 h Pimephales promelas mg/L LC50 static		265: 48 h Daphnia magna mg/L EC50
Pine oil 8002-09-3				17 - 28: 48 h Daphnia magna mg/L EC50 Flow through
Sodium alkylbenzene sulfonate 68411-30-3	9: 96 h Desmodesmus subspicatus mg/L EC50 11: 72 h Pseudokirchneriella subcapitata mg/L EC50 4.29 - 12.5: 96 h Pseudokirchneriella subcapitata mg/L EC50	5.1: 96 h Brachydanio rerio mg/L LC50 flow-through 0.6 - 1.9: 96 h Brachydanio rerio mg/L LC50 semi-static 2.2: 96 h Lepomis macrochirus mg/L LC50 static 0.7: 96 h Pimephales promelas mg/L LC50 static 3.4: 96 h Pimephales promelas mg/L LC50 3.8 - 6.6: 96 h Oncorhynchus mykiss mg/L LC50 static		0.63: 48 h Daphnia magna mg/L EC50

Bioaccumulative potential

Mobility in soil: No additional information available

Other adverse effects: Effect on the global warming – No known ecological damage caused by this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal recommendations: This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

SECTION 14: TRANSPORT INFORMATION

Not regulated.

SECTION 15: REGULATORY INFORMATION

Federal regulations:

CERCLA – This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Trisodium Phosphate 7601-54-9	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

SARA 313 – 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

CWA (Clean Water Act) – This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Trisodium Phosphate	5000 lb			X

State regulations:

California Proposition 65 – This product does not contain any Proposition 65 chemicals.

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Trisodium Phosphate 7601-54-9	X	X	X
Pine oil 8002-09-3	X		

SECTION 16: OTHER INFORMATION

Other information: None.

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