

Material Safety Data Sheet

SECTION 1 - IDENTIFICATION OF SUBSTANCE AND COMPANY

Product Name: Flocculent-Waterborne Paint
Chemical Name: Phosphating Compound

Supplier:	Enviro'blend, Inc.	Phone: 615-382-8215	HMIS	
	P.O. Box 329	Fax: 615-382-8216	Health	3
	Springfield, TN 37172		Flammability	0
			Reactivity	0
			Personal Protection	D

Emergency Phone Numbers: Enviro'blend, Inc. 615-382-8215
 CHEMTREC (Transportation) 800-424-9300

SECTION 2 - INFORMATION ON INGREDIENTS

Phosphoric Acid (7664-38-2)
 Zinc Nitrate (7779-88-6)

Hazardous and regulated components

Component	CAS #	%	ACGIH TWA	ACGIH STEL	Carcinogen	OSHA PEL	R.Q. lbs.
Phosphoric Acid	7664-38-2	<25	1 mg/m ³	3 mg/m ³		1 mg/m ³	
Zinc Nitrate	7779-88-6	<25					1000*

- 850 gallons of product.

SECTION 3 - HAZARDS IDENTIFICATION

Effects of Overexposure:

Skin: ----- Corrosive - causes severe burns to skin.
Eye:----- Corrosive - causes severe burns to eyes.
Ingestion:---- Corrosive and possibly fatal if ingested.
Inhalation: Mists are corrosive to respiratory tract.

SECTION 4 - FIRST AID MEASURES

Skin: ----- Wash thoroughly with soap and water. Remove contaminated cloths and shoes. Get medical attention.
Eyes: ----- Immediately flush with plenty of water for at least 15 minutes; ensure water flushing of entire surface of eye and lid. Obtain medical attention.
Inhalation: -- If inhales, move to fresh air. If patient is not breathing, give artificial respiration. If breathing is difficult, give oxygen under direction of trained personnel. Obtain immediate medical attention.
Ingestion:---- Rinse mouth with water. Dilute by drinking several glasses of water. DO NOT

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induce vomiting. If vomiting occurs rinse mouth. Get immediate medical attention. Never give anything by mouth to an unconscious person.

Physicians

Note:

SECTION 5 - EXPLOSION AND FIRE FIGHTING MEASURES

Flash Point	Method Used	Flammable	LEL	UEL
NONE	N/A	NONE	NONE	NONE

Extinguishing media:

H₂O, CO₂, Foam or dry powder..

Special Fire Fighting Procedures:

Wear full protective gear and positive pressure breathing apparatus (SCBA) in fire area.

Unusual and Explosion Hazards:

Contact with aluminum or soft metals may release flammable hydrogen fumes. Solid streams of water directed at burning liquid may cause frothing.

SECTION 6 - ACCIDENTAL RELEASE / SPILL PROCEDURES

Steps to be taken in case material is released or spilled:

If material is released or spilled: Contain spill. Wear protective clothing. Soak up or absorb liquid on suitable absorbent material. Collect and place in chemical waste container. Dispose of in accordance with local, State and Federal regulations. Flush spill area with water.

SECTION 7 - HANDLING AND STORAGE

Handling and storage precautions: Keep container closed. If frozen, thaw and mix to make usable. Do not pressure container to empty. Keep away from alkalis and chlorinated products.

SECTION 8 - PERSONAL PROTECTION

Eye/Face Protection:	Face Shield
Protective Gloves:	Acid Resistant
Respiratory Protection:	Not normally required
Other protective Clothing/Equipment:	Rubber boots and chemical resistant apron if contact or splash hazard exists. Eyewash and safety shower should be close by.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 220 pH: 0.96

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Specific Gravity:	1.3400	Solubility in Water:	100 at 20C
Vapor Pressure:	17.5 MMHG	% Solid by Weight:	N/A
Vapor Density:	17.3	Material Is:	Liquid
Volatile by Volume:	60	Freezing Point:	32 F
Evaporation Rate:	N/A	Melting Point:	N/A

Appearance and Odor:
Clear Liquid; acid odor.

SECTION 10 - STABILITY AND REACTIVITY

Stability	Stable
Hazardous Polymerization:	None
Incompatible materials:	Concentrated Alkali
Hazardous decomposition	None known.

Products:

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicological testing has not been performed. Listed below is the available toxicology test data for product components.

ZINC NITRATE:

Acute Oral LD50 (rat) - 1190 mg/kg

PHOSPHORIC ACID:

Acute Oral LD50 (rat) - 1350 mg/kg (RTECS)

Acute Skin LD50 (rabbit) - 2740 mg/kg (RTECS)

SECTION 12 - ECOLOGICAL INFORMATION

No data available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Methods:

Waste disposal method: pH adjustment; contains phosphorus and zinc ions. Use until less than 1 inch remains in container, empty container triple rinse with water, add to operation remove of deface label before selling container or disposal. Spent or excess product is a hazardous waste (D002-Corrosive). Do not discharge to sewer or environment. Arrange disposal through a licensed disposal company.

SECTION 14 - TRANSPORTATION INFORMATION

D.O.T. Shipping Name:	Corrosive Liquid, Acidic, Inorganic, N.O.S> (Phosphoric Acid) 8, UN3264, PG III, ERG NO. 60, NAERG #154
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SECTION 15 - REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA: All ingredients in this product are on the TSCA inventory.

HAPS: None

CERCLA/EPCRA: Section 313 Toxic Chemicals:

Zinc Nitrate CAS# 779-88-6 @ 11% w/w (Reportable as zinc compound)

Phosphoric Acid CAS# 7664-38-2 @ 10% w/w

SARA Section 311/312:

Acute: Yes - Chronic: No - Fire: No - Reactivity: No - Sudden release of Pressure:- No

STATE RIGHT-TO-KNOW INFORMATION:

PHOSPHORIC ACID- CAS #7674-38-2

ZINC NITRATE- CAS #7779-88-6

WATER- CAS #7732-18-5

ZINC DIHYDROGEN PHOSPHATE - CAS #13598-37-3

CALIFORNIA PROPOSITION 65: No ingredients are listed.

NOTICE

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