



Revision 003.2

Issue Date: 06/28/2011

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Alaskrete®	IDH Number: 702182
Product Type: Cementitious	Item Number: 95551-51712000
	Region: United States
Company Address:	Contact Information:
Apun LLC	MEDICAL EMERGENCY Phone: Poison Control Center
2130 E. Dimond Blvd.	1-877-671-4608 (toll free) or 1-303-592-1711
Anchorage, Alaska 99507	TRANSPORT EMERGENCY Phone: CHEMTREC
Telephone: 907-336-7958 Internet: www.apunak.com	1-800-424-9300 (toll free) or 1-703-527-3887

2. HAZARDS IDENTIFICATION

<u>EMERGENCY OVERVIEW</u>			
		<u>HMIS:</u>	
Physical State:	Liquid	HEALTH:	1
Color:	Clear, Dark Green	FLAMMABILITY:	0
Odor:	Slight, Ammoniacal	PHYSICAL HAZARD:	0
		Personal Protection:	See MSDS Section 8
WARNING: MAY CAUSE EYE IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION.			

Relevant Routes of Exposure: Eyes, Inhalation, Ingestion

Potential Health Effects

- Inhalation:** Prolonged inhalation of large concentrations can be irritating to lungs and mucous membranes of nose and throat. Coughing, shortness of breath
- Skin Contact:** Not expected to be a hazard.
- Eye Contact:** Contact with eyes will cause irritation.
- Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Existing Conditions Aggravated By Exposure: Eye disorders, Respiratory disorders
 This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910-1200)
See Section 11 for additional toxicological information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS NUMBER	%
Polyphosphoric acids, ammonium salts	68333-79-9	30-60

4. FIRST AID MEASURES

- Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms develop and persist, get medical attention.
- Skin Contact:** Wash with soap and water. If symptoms develop and persist, get medical attention.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.

Ingestion: Get medical attention. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point: > 100°C (>212°F) Water based. Does not flash

Autoignition: Not available

Flammable/Explosive Limits – Lower: Not available

Flammable/Explosive Limits – Upper: Not available

Extinguishing Media: Will not burn

Special Firefighting Procedures: Wear self-contained breathing apparatus and full protective clothing

Unusual Fire or Explosion Hazards: Not available

Hazardous Combustion Products: Not available

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental Precautions: Do not allow product to enter sewer or waterways.

Clean-up Methods: Dike contaminated water and remove for disposal and/or treatment. Do not allow product to enter sewer or waterways.

7. HANDLING AND STORAGE

Handling: Avoid eye contact. Do not taste or swallow.

Storage: Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

For information on product shelf life contact Apun Customer Service at (907) 336-7958

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Polyphosphoric acids, ammonium salts	None	None	None	None

Engineering Controls: Use local exhaust ventilation if the potential for airborne exposure exists.

Respiratory Protection: Not normally required.

Eye/Face Protection: Safety goggles or safety glasses with side shields.

Skin Protection: Chemical resistant, impermeable gloves, long sleeved clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Clear, Dark Green

Odor: Slight, Ammoniacal

Odor Threshold: Not available

pH: 5.9 - 6.1

Vapor Pressure: Not available
Boiling Point/Range: 100°C (212°F) (1,013 hPa)
Melting Point/Range: -26°C (-14.8°F)
Specific Gravity: 1.30 – 1.45
Vapor Density: Not available
Flash Point: >100°C (>212°F) Water based, does not flash
Flammable Explosive Limits – Lower: Not available
Flammable Explosive Limits – Upper: Not available
Autoignition Temperature: Not available
Evaporation Rate: Not available
Solubility in Water: Completely soluble
Partition Coefficient (n-octanol/water): Not available
VOC Content: <1.0%; <10g/l (value as mixed for use) (estimated)

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Reactions: Will not occur
Hazardous Decomposition Products: Not available
Incompatible Materials: Not available
Conditions to Avoid: Not available

11. TOXICOLOGICAL INFORMATION

Hazardous Components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Polyphosphoric acids, ammonium salts	No	No	No

Hazardous Components	Health Effects/Target Organs
Polyphosphoric acids, ammonium salts	No Target Organs

12. ECOLOGICAL INFORMATION

Ecological Information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations

Hazardous Waste Number: Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR)

Proper Shipping Name: Not regulated.
Hazard Class or Division: None.
Identification Number: None.
Packing Group: None.

International Air Transportation (ICAO/IATA)

Proper Shipping Name: Not regulated
Hazard Class or Division: None
Identification Number: None
Packing Group: None

Water Transportation (IMO/IMDG)

Proper Shipping Name: Not regulated
Hazard Class or Division: None
Identification Number: None
Packing Group: None

15. REGULATORY INFORMATION

United States Regulatory Information

TCSA 8(b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory

TCSA 12(b) Export Notification: None above reporting the minimum

CERCLA/SARA Section 302 EHS: None above reporting the minimum.

CERCLA/SARA Section 311/312: Immediate Health

CERCLA/SARA Section 313: None above reporting the minimum

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List

WHMIS Hazard Class: D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

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