

SAFETY DATA SHEET 422: READY TO USE

Conforms to 1910.1200 Issued: Sept. 29, 2022 Supersedes: May 25, 2016

422

HARDCORE™ DENSIFYING TREATMENT

1: PRODUCT AND COMPANY IDENTIFICATION

<u>Product Name:</u> Recommended Use:	HardCore Densifying Treatment Densifier for concrete	Product Number:
	Ready to Use	
	Product intended for commercial and industrial use only.	
Uses Advised Against:	Other than per labelled instructions	

Manufacturer Address:

Amano Pioneer Eclipse[®] Corporation P.O. Box 909 1 Eclipse Road Sparta, NC 28675 Telephone: 1-336-372-8080 Email: sds@pioneereclipse.com Internet: www.pioneereclipse.com

FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure or Accident. Call CHEMTREC Day or Night. Within USA and Canada 1-800-424-9300. Outside USA and Canada 1-703-527-3887 (collect calls accepted)

2: HAZARDS IDENTIFICATION

Classification: Skin Irritation - Category 2 Eye Irritation - Category 2

Signal Word: WARNING

Pictogram:



Hazard Statements:

Causes skin irritation. Causes serious eye irritation.

Precautionary Statements:

Wash thoroughly after handling.

Wear protective gloves and eye protection.

IF ON SKIN (or hair): Wash with plenty of water.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before use.

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.

Other Hazards: None known

Supplemental Information:

3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	Weight % *
Lithium silicate	12627-14-4	4 - 7
Potassium methylsilanetriolate	31795-24-1	1 - 4

4: FIRST AID MEASURES

DECRIPTION OF FIRST AID MEASURES

Eye Contact: Flush eyes with plenty of water, for at least 15 minutes. If easy to do, remove contact lenses if worn. If irritation persists, seek medical attention.

Skin Contact: Wash with soap and plenty of water. If irritation persists, seek medical attention.

None



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Inhalation: Ingestion:	If breathing is difficult, remove subject to fresh air. If symptoms persist, seek medical attention. Do not induce vomiting. Rinse mouth out with water. Seek medical advice.		
MOST IMPORT	MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED		
Eye Contact: Skin Contact: Inhalation: Ingestion:	Causes eye irritation. Causes skin irritation. Spray mist may cause irritation to nose, throat and lungs. May cause irritation to digestive tract.		
INDICATION OF	F IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED Treat symptomatically.		
5: FIRE-FIGH	TING MEASURES		
Specific Hazard Protective Equi	ipment and Precautions: Fire fighters should wear appropriate protective equipment and NIOSH approved breathing apparatus.		
6: ACCIDENT	AL RELEASE MEASURES		
Personal Preca	may be slippery: use care to avoid falling.		
Environment P			
	TAND CLEAN-UP		
Small Spills:	Absorb spill with inert material (e.g. sand, earth) and dispose of as waste material in accordance with local, state and federal regulations.		
Large Spills:	Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal.		
Waste Disposa	I: Landfill or incinerate the contaminated solids and diking material in accordance with local, state and federal regulations. Non-salvageable liquid should be drummed and disposed of in accordance with local, state and federal regulations.		
7: HANDLING	AND STORAGE		
Precautions for	<u>r Safe Handling:</u> Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use in well- ventilated areas. Avoid breathing vapors or mists. Remove and wash contaminated clothing and footwear before re-use.		
Conditions for Other Informati			
8: EXPOSURE	E CONTROLS/PERSONAL PROTECTION		
Exposure Limit			
Engineering Co	airborne contaminants below established and recommended exposure limits. If this product contains ingredients with exposure limits, monitoring may be required to determine the effectiveness of ventilation and other control measures.		
	<u>ctive Equipment (PPE)</u> ction: Safety eyewear is recommended, to avoid chemical splashes and mists.		
Eye/Face Prote Skin Protection			
Respiratory Pro			
Hygiene Measu	•		



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9: PHYSICAL AND CHEMICAL PROPERTIES

10: STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions.	
Stability:	Stable under normal conditions.	
Hazardous reactions:	None expected.	
Conditions to avoid:	None known.	
Incompatible materials:	Do not mix with other chemicals unless stated on the product label.	
Hazardous decomposition products: None known.		

11: TOXICOLOGICAL INFORMATION

Acute Toxicity:

Not determined on product.

Can cause skin irritation.
Can cause eye irritation.
None expected
None expected

SPECIFIC EFFECTS

Carcinogenicity:	None known
Reproductive effects:	None known
Teratogenicity:	None known
Mutagenicity:	None known

COMPONENT INFORMATION

Component	LD50 Oral- Rat (mg/kg)	LD50 Dermal - Rabbit (mg/kg)	LC50 Inhalation- Rat (mg/l)
Lithium silicate	no data available	no data available	no data available
Potassium methylsilanetriolate	> 2000	no data available	no data available

Carcinogenicity:

Components are not known to be classified as carcinogens. (IARC, NTP, OSHA).

12: ECOLOGICAL INFORMATION

Ecotoxicity: Persistence and Degradability: Bioaccumulative Potential: Mobility in Soil: Other Adverse Effects: Ecological testing has not been completed on the mixture. Data not available. Data not available. Data not available. Data not available.



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13: DISPOSAL CONSIDERATIONS

Disposal of this material should be in accordance with local, regional and national regulations.

14: TRANSPORT INFORMATION

This product is not classified as hazardous for transportation.

15: REGULATORY INFORMATION

U.S. REGULATIONS/REPORTING: STATE RIGHT-TO-KNOW (RTK):Components not subject to reporting (SARA 302/304, 313, CERCLA) Components are not subject to State RTK listing (MA, NJ, PA, RI)CALIFORNIA PROPOSITION 65: CANADA REGULATIONS/REPORTING: by the HPR .Components are not present on CA Prop 65 listing.
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16: OTHER INFORMATION

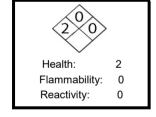
Abbreviations Used:

CAS	Chemical Abstract Service
IARC	International Agency for Research on Cancer
LC50	Lethal Concentration to 50% of a test population
LD50	Lethal Dose to 50% of a test population
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration

Revision Information:

Sept. 29, 2022 - Revisions § 1, 5, 14 & 16

National Fire Protection Association (NFPA) Rating:



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This SDS has been provided to you in accordance with the OSHA Hazard Communication Standard (29CFR1910.1200).

IMPORTANT SAFETY INFORMATIONDO NOT DISCARD**PLEASE ROUTE TO COMPANY SAFETY OFFICER*'