



FIXINSEWER™ SOLUTIONS
Designed for Wastewater Professionals.
Fast Results. Ruggedly Reliable.

GHS / OSHA HCS 29 CFR 1910.1200 FORMAT

SAFETY DATA SHEET

PLMMRS HLPR™

SDS 19220-01

Revised 08/28/2026

1 IDENTIFICATION

Product — PLMMRS HLPR™
Product code / SDS — 19220-01
Recommended use — Fats, oils and grease (FOG) remover
Manufacturer / emergency contact — Kationx™ Corporation; 321-914-0722



2 HAZARD IDENTIFICATION

HMIS / NFPA

HEALTH	1
FIRE	1
REACTIVITY	0
PPE	E

RESPIRATORY: Do not breathe dust.

FALL: Slippery when wet.

3 COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS #	EINECS	WT. %	CLASSIFICATION
Alumino-silicate blend	Proprietary	Proprietary	80–90	Not classified
Quartz — crystalline silica	14808-60-7	238-878-4	10–15	See toxicology
Titanium dioxide	13463-67-7	136-675-5	1–5	Carc. 2 — H351
Water	7732-18-5	215-185-5	1–3	Not classified

4 FIRST-AID MEASURES

EYES — Flush immediately with plenty of water for 15 minutes. If irritation persists, obtain medical attention.

INHALATION — Move to fresh air. Use artificial respiration and obtain medical attention if required.

SKIN — Flush with water. If irritation develops, obtain medical attention.

INGESTION — Give water or milk. Never induce vomiting or give liquids to an unconscious person.

Symptoms: skin, eye, respiratory and gastrointestinal irritation.

5 FIREFIGHTING MEASURES

Non-flammable, non-combustible and non-explosive.

Specific and unusual hazards: N/A. No special firefighting methods required.

6 ACCIDENTAL RELEASE

Avoid breathing dust and eye contact. Wet surfaces may be slippery. Collect and dispose of material without special measures.

7 HANDLING & STORAGE

Commercial and industrial use only. Avoid eye and lung contact. Prevent dust accumulation. Store in a dry area.

CRITICAL FIELD CONTROLS



Control airborne dust



Prevent inhalation



Protect eyes



Keep wet walking surfaces clear



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8 EXPOSURE CONTROLS / PERSONAL PROTECTION



ENGINEERING

Ventilate and filter enclosed rooms and spaces to remove dust.



RESPIRATORY

Wear a dust mask.



EYES

Wear side-shield safety glasses or chemical-resistant goggles.



HANDS

Gloves recommended.



HYGIENE

Follow good industrial hygiene and safety practices.

9 PHYSICAL & CHEMICAL PROPERTIES



PROPERTY	VALUE	PROPERTY	VALUE
State / appearance	Solid powder; dark gray–brown	Auto-ignition	N/A — does not ignite
Dilution pH	6–8	Odor / taste	Diatomaceous
Specific gravity	2.6 (water = 1)	Polymerization	None
Melting point / range	>1500°C	Corrosiveness	Non-corrosive in presence of glass
Molecular weight	258.2 g/mole	Vapor density	N/A
Density	8.45 lb/gal	Flash point	N/A
Boiling point	N/A	Solubility	Insoluble in water, solvents, alcohols
Decomposition	Crystal water / gases lost at 500–900°C	VOC / viscosity / partition coeff.	N/A

10 STABILITY & REACTIVITY



Stable; maintains neutral pH of 7. At high temperature, free quartz may form tridymite (>870°C) or cristobalite (>470°C), which present greater health hazards. TWA-TLV: 0.025 mg/m³.

12 ECOLOGICAL INFORMATION



Biodegradation: the product itself is not toxic.

13 DISPOSAL CONSIDERATIONS



Dispose of residues and unused product according to all applicable federal, state and local laws and regulations.

11 TOXICOLOGICAL INFORMATION



Acute toxicity: N/A. Prolonged exposure may affect respiratory and gastrointestinal systems. Oral LD₅₀, rat: quartz 500 mg/kg; titanium dioxide >1,000 mg/kg; water >90 mL/kg. Alumino-silicate blend: ACGIH A4. Crystalline silica: ACGIH A2 / IARC Group 1. Titanium dioxide: ACGIH A4 / IARC Group 2B. Mutagenic effects: N/A.

14 TRANSPORTATION INFORMATION



The source SDS states there are no restrictions regarding transportation of this product. Confirm current carrier, jurisdictional and site-specific requirements before shipment.



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15 REGULATORY INFORMATION



UNITED STATES

SARA TITLE III §302

Does not contain extremely hazardous material subject to reporting.

SARA §311 / §312

Immediate: Yes • Delayed: Yes • Fire: No • Pressure: No • Reactivity: No

SARA §313

Does not contain toxic chemicals subject to Section 313 and 40 CFR Part 372.

TSCA

Listed in initial inventory, Vol. 1, Appendix A.

CERCLA

Not a listed hazardous substance.

CALIFORNIA PROPOSITION 65

WARNING: May contain extremely small amounts of naturally occurring materials known to California to cause cancer, birth defects or reproductive harm.

PENNSYLVANIA

Regulated under PA Code Chapter 323.

GLOBAL / INVENTORY STATUS

Stockholm Convention

Not subject

Montreal Protocol

Not subject

Rotterdam Convention

Not subject

✓ **DSL** (Canada)
Listed

✗ **NDSL** (Canada)
Not listed

✓ **PICCS** (Philippines)
Listed

✓ **KECI** (Korea)
Listed

✓ **ENCS / MITI** (Japan)
Listed

✓ **AICS** (Australia)
Listed

✓ **IECSC** (China)
Listed

✓ **EINECS** (Europe)
Listed

REACH STATUS

Exempt (Annex V.7); product is a naturally occurring mineral.

16 OTHER INFORMATION



NOTICE TO READER

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information. Actual conditions of use and handling are beyond the seller's control. The user is responsible for evaluating all available information for each use and complying with all federal, state and local laws and regulations.

Reason for revision: updated SDS date. **More information:** www.Kationx.com



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Fats, Oils & Grease (FOG) Remover
Commercial & industrial use only

Safety Data Sheet revised September 26, 2026



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