

**MATERIAL NAME:**  
PLMMRS HLPR™

**PLMMRS HLPR™**

## SAFETY DATA SHEET

### 1. IDENTIFICATION

**Product Name:** PLMMRS HLPR™  
**SDS:** 19220-01  
**Product Code:** 19220-01  
**Recommended Use:** Fats, Oils and Grease (FOG Remover)



*Designed for Wastewater Professionals  
Fast Results. Ruggedly Reliable.*

**Emergency Contact**  
**Kationx™** Corporation  
Phone: 321-917-0722  
**Manufactured By:**  
**Kationx™** Corporation  
870 N. Miramar Ave. Ste. 228  
Indialantic, FL 32903

### 2. Hazards IDENTIFICATION

	HMIS	NFPA
REACTIVITY	0	0
HEALTH	1	1
FIRE HAZARD	1	1
PPE	E	



**RESPIRATORY HAZARD**  
**DO NOT BREATHE DUST**

**FALL HAZARD**  
**SLIPPERY WHEN WET**

### 3. COMPOSITION

	CAS#	EINECS	WEIGHT%	CLASSIFICATION
Alumino-Silicate Blend:	Proprietary	Proprietary	80 to 90	Not classified
Quartz - Crystalline Silica:	14808-60-7	238-878-4	10 to 15	
Titanium Dioxide:	13463-67-7	136-675-5	1 to 5	Carc 2-H351
Water:	7732-18-5	215-185-5	1 to 3	Not classified

### 4. FIRST - AID MEASURES

**Eye Contact:** Flush immediately with plenty of water for 15 minutes. If irritation persists, get medical attention.  
**Inhalation:** If breathing is difficult, move to area with fresh air and assume a comfortable resting position. Use artificial respiration and get medical attention if required.  
**Skin Contact:** Flush immediately with plenty of water. If irritation develops get medical attention.  
**Ingestion:** If swallowed, give a cupful of water or milk. Never induce vomiting. If a person is unconscious, never induce vomiting or make them drink.  
**Symptoms Immediate:** Skin irritation. Eye irritation. Respiratory tract irritation.  
**Symptoms Delayed:** Gastrointestinal effects. Respiratory tract irritation.

### 5. FIREFIGHTING MEASURES

**Extinguishing Media:** Non-flammable/Non-comustionable/Non-explosive  
**Specific Hazards:** N/A  
**Unusual Hazards:** N/A  
**Specific Methods:** No special methods required.

### 6. ACCIDENTAL RELEASE MEASURES

Avoid breathing dust. Avoid contact with eyes. Beware of slip hazard on wet surfaces. May be collected and disposed of without special measures.

### 7. HANDLING & STORAGE

**FOR COMMERCIAL AND INDUSTRIAL USE ONLY.** Avoid contact with eyes and lungs. Avoid dust accumulation in storage. Store in dry area.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Measures to Reduce Exposure:</b>	Ventilate and filter enclosed rooms and spaces to remove dust hazard.
<b>Respiratory Protection:</b>	Wear dust mask to avoid inhalation.
<b>Eye Protection:</b>	Wear side-shield safety glasses or chemically resistant goggles.
<b>Hand Protection:</b>	No special requirements under normal use conditions. Gloves recommended.
<b>Hygiene Protection:</b>	Handle in accordance with good industrial hygiene and safety practices.

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Physical State Appearance:</b>	Solid ( Powder - Dark Gray to Brown N/A Does not Ignite	Auto-Ignition Temperature
<b>Dilution pH</b>	6 to 8 Diatomaceous	Odor/Taste
<b>Specific Gravity:</b>	2.6 (water = 1) None	Polymerization
<b>Melting Point/Range</b>	>1500C Non-corrosive in presence of glass.	Corrosiveness
<b>Molecular Weight:</b>	258.2 g/mole N/A	Vapor Density
<b>Density:</b>	8.45 lbs/gal N/A	Flash Point
<b>Boiling Point/Range:</b>	N/A Insoluble in cold or hot water, solvents alcohols	Solubility
<b>Decomposition Temp:</b>	Loses crystalline water and absorbed gases at 500-900C (930) Partition Coefficient (n-octanol:water)	N/A
<b>VOC</b>	N/A N/A	Viscosity

## 10. STABILITY AND REACTIVITY

<b>Product Stability:</b>	This product maintains the neutral pH of 7
<b>Hazardous Information:</b>	See section 2
<b>Hazardous Decomposition Products:</b>	When exposed to high temperatures, free quartz can change crystal structure to form tridymite (>870C) or cristobalite (>470C) that have greater health hazards than quartz.
<b>Tidymite and Cristobalite (TWA-TLV)</b>	0.025 mg/m3

## 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	N/A
<b>Component Information:</b>	See Section 3
<b>Chronic Human Toxicity</b>	Prolonged exposure may affect the respiratory system.
<b>Toxicity to Animals</b>	Quartz - Crystalline Silica - Oral LD50 Rat 500 mg/kg Titanium dioxide: Oral LD50>1000 mg/kg Water: Oral LD50 Rat>90 mL/kg
<b>Carcinogenic Effects</b>	Proprietary Al-Si Blend: ACGIH: A4 Not Classifiable as a Human Carcinogen Quartz - Crystalline Silica - CAS N° 14808-60-7 - ACGIH: A2 -Suspected Human Carcinogen; IARC: Group 1 - Carccinogenic to humans. Carbon - CAS 744-44-0 - ACGIH:A4 - Not Classifiable as a Human Carcinogen.

Titanium dioxide - CAS No 13463-67-7: ACGIH: A4 - Not classifiable as a human Carcinogen; IARC: Group 2B - Possibly carcinogenic to humans.

**Mutagenic Effects:**

N/A

**Target Organ Effects:**

May cause damage to respiratory system and gastrointestinal tract through prolonged exposure.

**12. ECOLOGICAL INFORMATION**

**Biodegradation:**

The product itself is not toxic.

**13. DISPOSAL CONSIDERATIONS**

Waste from residues/unused products: Dispose according to all applicable federal, state, and local laws and regulations.

**14. TRANSPORTATION INFORMATION**

No restrictions regarding transportation of this product.

**15. REGULATORY INFORMATION**

**SARA Title III Section 302**

This product does not contain extremely hazardous material subject to reporting

**Extreme Hazardous Substances**

requirements of Section 302, Title III, Superfund Amendments and Reauthorization Act.

**SARA Title III Section 311**

Immediate - Yes; Delayed - Yes; Fire - No; Pressure - No; Reactivity - No

**and 312 Health and Physical**

**Hazard categories per 40 CFR**

370.2

**SARA Section 313 Notification**

This product does not contain toxic chemicals subject to reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**TSCA:**

Product is listed in Initial Inventory, Vol. 1, Appendix A.

**CERCLA:**

Not a CERCLA listed hazardous substance.

**California Proposition 65:**

WARNING - This product may contain extremely small amount of one or more naturally occurring materials known to State of California to cause cancer, birth defects or other reproductive harm.

**PA Special Hazardous**

Regulated under PA Code Chapter 323.

**Substance List:**

**Stockholm Convention:**

This product is not subject to the Stockholm Convention.

**Montreal Protocol:**

This product is not subject to the Montreal Protocol.

**Rotterdam Convention:**

This product is not subject to the Rotterdam Convention.

**National Inventories:**

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 contained within. Actual conditions of use and

handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State and Local laws and regulations.

More information available at [www.Kationx.com](http://www.Kationx.com).

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**This Safety Data Sheet was revised 4/6/2026**