MATERIAL NAME:

FOGMVR™ Lift Station Treatment



SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: FOGMVR Lift Station Treatment

SDS: 19220-01 **Product Code**: 19220-01

Recommended Use: Fats, Oils and Grease (FOG Remover)



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 BREATH DUST

FALL HAZARD

SLIPPERY WHEN WET

3. COMPOSITION

	CAS#	EINECS	WEIGHT%	CLASSIFICATION
Alumno-Silicate Blend:	Proprietary	Proprietary	80 to 90	Not classified
Quartz - Crystalline Silica:	14808-60-7	238-878-4	10 to 15	
Titanim 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 persits, 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.

Symptons Immediate: Skin irritation. Eye irritation. Respiratory tract inrritation.

Symptons 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

Aboid 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

Engineering Measures to Reduce Exposure: Ventilate and filter enclosed rooms and spaces to remove dust

hazard.

Respiratory Protection: Wear dust mask to avoid inhalation.

Eye Protection: Wear side-shield safety glasses or chemically resistant goggles.

Hand Protection:No special requirements under normal use conditions. Gloves

recommended.

Hygiene Protection:Handle in accordance with good industrial hygiene and safety

practices.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical State Appearance: Solid (Powder - Dark Gray to Brown Auto-Ignition Temperature

N/A Does not Ignite

Dilution pH 6 to 8 Odor/Taste

Diatomaceous

Specific Gravity: 2.6 (water = 1) Polymerization

None

Melting Point/Range >1500C Corrosiveness

Non-corrosive in presence of glass.

Molecular Weight: 258.2 g/mole Vapor Density

N/A

Density: 8.45 lbs/gal Flash Point

N/A

Boiling Point/Range: N/A Solubility

Insoluble in cold or hot water, solvents alcohols

Decompostion Temp: Loses crystaline water and absorbed gases at 500-900C (930)

Partition Coefficient (n-octanol.water) N/A

VOC N/A Viscosity

N/A

10. STABILITY AND REACTIVITY

Product Stability: This product maintains the neutral pH of 7

Hazardous Information: See section 2

Hazardous Decomposition Products: 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.

Tidymite and Cristobalite (TWA-TLV) 0.025 mg/m3

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: N/A

Component Information: See Section 3

Chronic Human Toxicity Prolonged exposure may affect the respiratory system.

Toxicity to Animals Quartz - Crystalline Silica - Oral LD50 Rat 500 mg/kg

Titanium dioxide: Oral LD50>1000 mg/kg

Water: Oral LD50 Rat>90 mL/kg

Carcinogenic Effects 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.

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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 Reathorization Act of 1986 and 40 CFR

Part 372.

TSCA: Product is listed in Initial Inventory, Vol. 1, Appendidx A.

CERCLA: Not a CERCLA listed hazardous substance.

California Proposition 65: WARNING - This product may contain extremely small amount of one or more naturally

occuring materials know to State of California to cause cancer, birth defects or other

reproductive harm.

PA Special Hazardous Regulated un 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 (Austrailia): Listed IECSC (China): Listed EINECS (Europe): Listed

REACH Status: Exempt (Annex v.7). Product is a naturally occuring mineral.

16. OTHER INFORMATION

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