MATERIAL NAME: SETTApHYTM

SAFETY DATA SHEET

1. IDENTIFICATION

Product Code:

SETTApHYTM Product Name: SDS: 18215-02

Recommended Use: Wastewater Treatment Biosolids & Digester

Kationx™

18215-02

Emergency Contact

Kationx™ Corporation

Phone: 321-917-0722

Manufactured By:

Kationx™ Corporation

Indialantic, FL 32903

870 N. Miramar Ave. Ste. 228

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	60 to 90	Not Classified
Water:	7732-18-5	215-185-5	1 to 20	Not Classified
Titanium Dioxide:	13463-67-7	136-675-5	1 to 5	Carc 2-H351
Toxicological Data:				Non-Toxic

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

rest position. Use artificial respiration and get medical attention if required.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Non-Flammable/Non-Cumbustible/Non-Explosive.

Specific Hazard: 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures to Reduce Ventilate and filter enclosed rooms & spaces to remove dust hazard.

Exposure:

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

Hand Protection: No special requirements under normal use conditions. Gloves recommended. **Hygiene Measure:**

Handle in accordance with good industrial hygiene and safety practices.

Page 1

9. PHYSICAL & CHEMICAL PROPERTIES

Physical State/Appearance: Solid (powder) - Light Auto-Ignition N/A does no ignite.

grey to brown

Dilution pH: 6 to 8 Odor/Taste Diatomaceous

Specific Gravity; 2.6 (water =1) Polymerization None

Melting Point/Range: .1500C Corrosiveness Non-corrosive in

prescence of glass

Molecular Weight:258.2 g/moleVapor DensityN/ADensity:8.45 lbs/galFlash PointN/A

Boiling Point/Range: N/A Solubility Insoluble in cold or

hot water, solvents,

alcohol.

Decomposition Temp: Loses Crystalline Water Partition Coefficient N/A

at 500C (930F) (n-octanol/water)

VOC: N.A Viscosity N/A

10. STABILITY AND REACTIVITY

Product Stability: Products maintains neutral PH of 7.

Hazardous Information: See Section 2.

Hazardous Decompostion 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: Titanium dioxide (13463-67-7): Oral LD50 > 10000 mg/kg

Water (7732-18-5): Oral LD50 Rat > 90 mL/kg.

Carcinogenic Effects: Proprietary Al-Si Blend: ACGIH: A4 - Not Classifiable as a Human Carcinogen..

Titanium dioxide - CAS No 13463-67-7: ACGIH: A4 - Not Classifiable as a

Human Carcinogen.

Mutagenic Effects: N/A

 Target Organ Effects:
 Prolonged exposure may affect the respiratory system.

12. ECOLOGICAL INFORMATION

Biodegradation: Acting as a flocculant, product may bind with toxic materials. The product itself

is not toxic.

13. DISPOSAL CONSIDERATIONS

Waste from residues and 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 Extremely

This product does not contain extremely hazardous material subject to reporting

Hazardouse Substances: requirements of section 302, Title III, Superfund Admendments and

Reauthorization Act.

Page 2

SARA Title III Section 311 and 312

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

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 Initiall Inventory, Vol. 1, Appendix A.

CERCLA: not a CERCLA listed hazardous substance.

California Proposition 65: WARNING - this product may contain extremely small amounts of one or more

naturally occuring materials know to State of California to cause cancer, birth

defects or other reproductive harm

PA Special Hazardous Substance list: Regulated under PA Code Chapter 323.

Stockholm Convention:This product is not subject to the Stockholm Convention.Montreal Convention:This product is not subject to the Montreal Convention.Rotterdam Convention:This product is not subject to the Rotterdam Convention:

National Inventories: DSL (Canada): Listed.

NDSL (Canada): Not Listed. PICCS (Phillipines): 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 naturally occurring mineral.

16. OTHER INFORMATION

Notice to reader: This document has been prepared using data from sources considered technically reliable. It does not constitue 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.

SETTApHY™

This Safety Data Sheet was revised August 1, 2025