

SAFETY DATA SHEET

1 - IDENTIFICATION

Product Name:
SETTAphy Flocculant Powder

MSDS#: 18215-02

Product Code: 18215-02

Recommended Use:
Flocculant for wastewater treatment

Emergency Information Contact:
Kationx Corporation Telephone: 863.937.4080
CHEMTREC Telephone: 800.424.9300

Manufactured By:
Kationx Corporation
442 Fourth Avenue
Indialantic, FL 32903



2 - HAZARDS IDENTIFICATION

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



3 - COMPOSITION

	CAS#	EINCS	WEIGHT %	CLASSIFICATION
Alumino-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

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.

5 – FIRE-FIGHTING MEASURES

Extinguishing Media	Non-flammable / Non-combustible / 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.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures to Reduce Exposure	Ventilate and filter enclosed rooms & 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 Measures	Handle in accordance with good industrial hygiene and safety practices.

9 – PHYSICAL & CHEMICAL PROPERTIES

Physical State / Appearance	Solid (powder) - Light grey 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
Decomposition Temp.	Loses crystalline water at 500C (930F)	Partition Coefficient (n-octanol / water)	N/A
VOC	N/A	Viscosity	N/A

10 – STABILITY AND REACTIVITY

Product Stability	The 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	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 IARC: Group 2B - Possibly carcinogenic to humans
Mutagenic Effects	N/A
Target Organ Effects	Prolonged exposure may affect respiratory system

12 – ECOLOGICAL INFORMATION

Biodegradation	Acting as a flocculant, product may bind with toxic materials. The product itself is not toxic
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13 – DISPOSAL CONSIDERATIONS

TBD

14 – TRANSPORTATION INFORMATION

TBD

15 – REGULATORY INFORMATION

TBD

16 – OTHER INFORMATION

This Safety Data Sheet was last revised on June 20, 2019

More information available at www.kationx.com