

**MATERIAL SAFETY DATA SHEET**  
**LIQUID SETTApHY™ WWTP Settling Agent**

**Liquid SETTApHY™**



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

	HMIS	NFPA	PPE/Personal Protective Equipment
Reactivity	0	0	
Health	1	1	Skin & Eye Irritation/Dust; Slipping Hazard when Wet
Fire Hazard	0	0	
PPE	E	0	Wear Eye Goggles. Long sleeves recommended

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Name:</b>	SETTApHY Impact - Fast Flocculant	<b>Kationx Corp.</b>
<b>MSDS #:</b>	18215-10	870 N. Miramar Ave.
<b>Product Code:</b>	18215-10	Indialantic, FL 32903
<b>Recommended Use:</b>	Flocculant for Water & Wastewater Treatment	Phone: 321-914-0722
<b>Emergency Telephone Numbers:</b>	<b>Kationx:</b> 321-914-0722 <b>CHEMTREC:</b> 800-424-9300	MSDS Internet Address: <a href="http://www.kationx.com">www.kationx.com</a>

**2. HAZARDS IDENTIFICATION**

**Classification:** Specific Target Organ Toxicity - Assumed to be non-toxic.

**Label Elements:**

**Signal Word:** CAUTION

**Hazard Statements:** H315 May cause skin irritation  
 H319 May cause eye irritation



**Precautionary Statements:** P501:Dispose of contents/containers in accordance with local regulation

**3. COMPOSITION**

	CAS#	EINCS	Weight/%	Classification
Proprietary Alumino-Silicate Blend	Proprietary	Proprietary	25 to 30%	Not Classified
Water	7732-18-5	215-185-5	70 to 75%	Not Classified
Titanium Dioxide	13463-67-7	136-675-5	0.1 to 0.3%	Carc 2-H351
Sodium Silicate	1344-09-8	215-687-4	0.1 to 0.5%	Not Classified
Naturally Occurring Minerals				

**Toxilogical Data - assumed to be non-toxic**

**4. FIRST AID MEASURES**

<b>Eye/Skin Contact:</b>	Eyes: Flush immediately with plenty of water for 15 minutes. If irritation persists, get medical attention.
<b>Inhalation:</b>	No inhalation hazard
<b>Ingestion:</b>	If swallowed, give a cupful of water or milk. Never induce vomiting. Never make an unconscious person drink, or induce vomiting.
<b>Symptoms Immediate:</b>	Eye irritation.
<b>Symptoms Delayed:</b>	Gastrointestinal effects.

**5. FIRE-FIGHTING MEASURES**

<b>Extinguishing media:</b>	N/A Non flammable/Non-combustible/Non-explosive		
<b>Specific hazards:</b>	None Known.		
<b>Unusual hazards:</b>	None Known.		
<b>Specific methods:</b>	No special methods required.		
<b>NFPA 704M</b>	Health: 1	Flammable: 0	Reactivity: 0

## 6. MANUFACTURER/SUPPLIER

### Kationx Corp.

870 N. Miramar Ave. #228

Indialantic, FL 32903

Phone: 321-914-0722

MSDS Internet Address:

[www.kationx.com](http://www.kationx.com)

Manufactured in USA

Using U.S. - sourced materials

Packaging made in USA

Operated by U.S. Military Veterans



## EMERGENCY OVERVIEW

CAUTION: LIQUID MAY CAUSE EYE IRRITATION

## 7. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use recommended personal protective equipment. Keep unnecessary people away.

Wet material is slippery, and is a slip/fall hazard.

**Environmental Precautions:** Clean-up methods: None/natural mineral; Remove as CDW Dirt in trailer, bin or bag.

## 8. HANDLING AND STORAGE

Handling: Avoid contact with eyes/GI tract. FOR COMMERCIAL AND INDUSTRIAL USE ONLY

Storage: Mix weekly to resuspend contents. May store indoors or outdoors. Avoid freezing contents/icy weather.

KEEP OUT OF REACH FROM CHILDREN.

## 9. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

**Personal Protective Equipment:** Protect from dust with eye protection (goggles) and lung protection (face mask).

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

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

**Skin and Body Protection:** No special requirements under normal use conditions. Wear long sleeves; long pants.

**Respiratory Protection:** Wear Face Mask.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

Hazardous Ingredient Weight % (Approx.)	CAS#	OSHA 8 hor PEL*	ACGIH TLV*
		Long term exposure	Long term exposure
Proprietary Al-Si Blend 25%	Proprietary	Not applicable	Not applicable
NaSI 0.3 to 0.4%	1344-09-08		
Titanium Dioxide 0.2 - 0.3%	13463-67-7		

## 10. PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance	Liquid. Light gray.
Dilution pH	6.5 to 7.5
Specific Gravity	1.5 (water =1)
Melting Point/Range:	N/A
Molecular Weight:	236 g/mole
Density:	9.2 lbs/gal
Boiling Point/Range:	Not Applicable
Decomposition Temperature:	Not Applicable
VOC:	Not Applicable
Odor/Taste:	Earthy Odor.
Autoignition Temperature:	Not Applicable. Does not ignite
Polymerization:	Hazardous polymerization does not occur
Corrosiveness:	Non-corrosive in prescence of glass
Vapor Density:	Not Applicable
Flash Point:	Not Applicable

<b>Partition Coefficient (n-octanol:water):</b>	Not Applicable
<b>Solubility:</b>	Insoluble in cold or hot water, solvents, alcohols
<b>Viscosity:</b>	Not Applicable

## 11. STABILITY AND REACTIVITY

<b>Product Stability</b>	The product is stable
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur
<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. Tidymite and cristobalite (TWA-TLV)= 0.025mg/m3.)

## 12. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	None Known
<b>Component information:</b>	See Section 3
<b>Chronic Human Toxicity:</b>	Prolonged exposure may affect skin and eye sensitivity
<b>Toxicity to Animals:</b>	
<b>Titanium dioxide (13463-67-7)</b>	Oral LD50>10000mg/kg
<b>Water (7732-18-5)</b>	Oral LD50 Rat>90mL/kg
<b>Sodium silicate (1344-09-8)</b>	Oral LD50 Rat>3400mL/kg
<b>Carcinogenic Effects:</b>	
<b>Proprietary Al-Si Blend</b>	ACGIH: A4 - Not Classifiable as a Human Carcinogen
<b>Titanium dioxide - CAS No 13463-67-7</b>	ACGIH: A4 - Not Classifiable as a Human Carcinogen IARC: Group 2B - Possibly carcinogenic to humans
<b>Sodium silicate (1344-09-8)</b>	ACGIH: A4 - Not Classifiable as a Human Carcinogen
<b>Mutagenic Effects:</b>	None Known
<b>Reproductive Toxicity:</b>	None Known
<b>Target Organ Effects:</b>	Target organs include ears, skin, respiratory systems, gastrointestinal tract.
<b>Specific Organ Toxicity - Repeated Exposure:</b>	Causes damage to eyes, skin, respiratory systems, and gastrointestinal tract through prolonged or repeated exposure.

## 13. ECOLOGICAL INFORMATION

Environmental information: No data available. The product itself is a naturally occurring mineral.  
Biodegradation: Acting as a flocculant, product may bind with toxic materials. The product itself is not toxic.

## 14. DISPOSAL CONSIDERATIONS

<b>EPA Waste Number:</b>	Not regulated
<b>DOT Classification:</b>	Not regulated
<b>IMO Classification:</b>	Not regulated
<b>Internal UN:</b>	Not regulated
<b>IMDG Code:</b>	IMDG Code: This product is not considered to be a marine pollutant.

## 15. REGULATORY INFORMATION

**Sara Title III Section 302 Extremely Hazardous Substances:** This product does not contain extremely hazardous material subject to reporting requirements of Section 302, Title III, Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 355. Sara Title III Section 311 and 312 Health and Physical Hazard Categories per 40 CFR 370.2:

Immediate	Delayed	Fire	Pressure	Reactivity
Yes	Yes	No	No	No

**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 CERLA listed hazardous substance

**California Proposition 65: WARNING:** This product may also contain extremely small amounts of one or more naturally-occurring materials known to State of California to cause cancer, birth defects or other reproductive harm.

NJ Special Health Hazardous Substances List [4]: RTK Hazardous Substance List; Substance number 4016.

PA Special Hazardous Substances List: Regulated under PA Code Chapter 323.

**Other Right to Know States:** Massachusetts, Rhode Island, Minnesota

**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.

<b>National Inventories:</b>	DSL (Canada):	Listed
	NDSL (Canada):	Not Listed
	PICCS (Phillippines):	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

**Reason for revision:** Not Applicable

**Additional Advice:** None

**Note 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.

**Liquid SETTAphy™ Flocculant MSDS**  
**This Safety Data Sheet was revised 4/6/2026**