



**FIXINSEWER™ SOLUTIONS**  
Designed for Wastewater Professionals.  
Fast Results. Ruggedly Reliable.

GHS / OSHA HCS 29 CFR 1910.1200 FORMAT

# SAFETY DATA SHEET

Liquid SETTApHY™

SDS 18215-10

Revised 08/28/2026

## 1 PRODUCT & COMPANY IDENTIFICATION



**Product** — Liquid SETTApHY™ — WWTP Settling Agent

**Product code / SDS** — 18215-10

**Recommended use** — Flocculant for water & wastewater treatment

**Manufacturer / supplier** — Kationx™ Corporation,  
2412 Irwin St. #9, Melbourne, FL 32901; 321-914-0722; www.Kationx.com



## 2 HAZARD IDENTIFICATION



**CAUTION** • Assumed non-toxic

|                        |   |
|------------------------|---|
| HMIS / NFPA HEALTH     | 1 |
| HMIS / NFPA FIRE       | 0 |
| HMIS / NFPA REACTIVITY | 0 |

**H315** May cause skin irritation  
**H319** May cause eye irritation  
**P501** Dispose in accordance with local regulation.  
Slippery when wet.

## 3 COMPOSITION / INFORMATION ON INGREDIENTS



| COMPONENT                          | CAS #       | EINECS      | WT. %   | CLASSIFICATION |
|------------------------------------|-------------|-------------|---------|----------------|
| Proprietary alumino-silicate blend | Proprietary | Proprietary | 25–30   | Not classified |
| Water                              | 7732-18-5   | 215-185-5   | 70–75   | Not classified |
| Titanium dioxide                   | 13463-67-7  | 136-675-5   | 0.1–0.3 | Carc. 2 — H351 |
| Sodium silicate                    | 1344-09-8   | 215-687-4   | 0.1–0.5 | Not classified |

## 4 FIRST-AID MEASURES



**EYES / SKIN** — Flush eyes immediately with plenty of water for 15 minutes. If irritation persists, obtain medical attention.

**INHALATION** — No inhalation hazard.

**INGESTION** — Give water or milk. Never induce vomiting or give liquids to an unconscious person.

*Immediate symptom: eye irritation. Delayed symptom: gastrointestinal effects.*

## 5 FIREFIGHTING MEASURES



**Non-flammable, non-combustible and non-explosive.**

No known specific or unusual hazards. No special firefighting methods required. NFPA: Health 1 • Fire 0 • Reactivity 0.

## 6 ACCIDENTAL RELEASE



Use recommended PPE; keep unnecessary people away. Wet material is slippery. Natural mineral: collect and remove as CDW dirt in a trailer, bin or bag.

## 7 HANDLING & STORAGE



Commercial and industrial use only. Avoid eye and gastrointestinal contact. Mix weekly to resuspend contents. May be stored indoors or outdoors. Avoid freezing and icy weather. **KEEP OUT OF REACH OF CHILDREN.**



**EMERGENCY** Kationx 321-914-0722 • CHEMTREC 800-424-9300



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## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION



### ENGINEERING

Ventilate and filter enclosed spaces.



### PPE / RESPIRATORY

Goggles and face mask. Wear face mask.



### EYES

Side-shield glasses or chemical-resistant goggles.



### HANDS

Gloves recommended.



### BODY

Long sleeves and pants recommended.



### HYGIENE

Follow good industrial hygiene practices.

## 9 PHYSICAL & CHEMICAL PROPERTIES



| PROPERTY                  | VALUE              | PROPERTY                           | VALUE                                   |
|---------------------------|--------------------|------------------------------------|-----------------------------------------|
| State / appearance        | Liquid; light gray | Auto-ignition                      | Not applicable; does not ignite         |
| Dilution pH               | 6.5–7.5            | Odor / taste                       | Earthy odor                             |
| Specific gravity          | 1.5 (water = 1)    | Polymerization                     | Hazardous polymerization does not occur |
| Melting point / range     | N/A                | Corrosiveness                      | Non-corrosive in presence of glass      |
| Molecular weight          | 236 g/mole         | Vapor density                      | Not applicable                          |
| Density                   | 9.2 lb/gal         | Flash point                        | Not applicable                          |
| Boiling point             | Not applicable     | Solubility                         | Insoluble in water, solvents, alcohols  |
| Decomposition temperature | Not applicable     | VOC / viscosity / partition coeff. | Not applicable                          |

## 10 STABILITY & REACTIVITY



Product is stable; hazardous polymerization does not occur. At high temperature, free quartz may form tridymite (>870°C) or cristobalite (>470°C). Tridymite / cristobalite TWA-TLV: 0.025 mg/m³.

## 12 ECOLOGICAL INFORMATION



No data available. Naturally occurring mineral. As a flocculant, product may bind toxic materials; the product itself is not toxic.

## 13 DISPOSAL CONSIDERATIONS



EPA waste number, DOT classification, IMO classification and internal UN: not regulated. IMDG: not considered a marine pollutant.

## 11 TOXICOLOGICAL INFORMATION



Acute toxicity: none known. Prolonged exposure may affect skin and eye sensitivity. Oral LD<sub>50</sub>: titanium dioxide >10,000 mg/kg; water >90 mL/kg; sodium silicate >3,400 mL/kg. Al-Si blend / sodium silicate: ACGIH A4. Titanium dioxide: ACGIH A4 / IARC Group 2B. Target organs: ears, skin, respiratory and GI systems. Repeated exposure may cause damage.

## 14 TRANSPORT INFORMATION



Not regulated for DOT, IMO or internal UN classification. Confirm current carrier, jurisdictional and site-specific requirements before shipment or disposal.



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## 15 REGULATORY INFORMATION



### UNITED STATES

#### SARA TITLE III §302

Does not contain extremely hazardous material subject to reporting.

#### SARA §311 / §312

Immediate: Yes • Delayed: Yes • Fire: No • Pressure: No • Reactivity: No

#### SARA §313

Does not contain toxic chemicals subject to Section 313 and 40 CFR Part 372.

#### TSCA

Listed in initial inventory, Vol. 1, Appendix A.

#### CERCLA

Not a listed hazardous substance.

#### CALIFORNIA PROPOSITION 65

WARNING: May contain extremely small amounts of naturally occurring materials known to California to cause cancer, birth defects or reproductive harm.

#### RIGHT-TO-KNOW

NJ substance no. 4016 • PA Chapter 323 • MA, RI and MN.

### GLOBAL / INVENTORY STATUS

#### Stockholm Convention

Not subject

#### Montreal Protocol

Not subject

#### Rotterdam Convention

Not subject

✓ **DSL** (Canada)  
Listed

✗ **NDL** (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

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**Reason for revision:** updated SDS date. Additional advice: none. **More information:** [www.Kationx.com](http://www.Kationx.com)



## Liquid SETTAphy™

WWTP Settling Agent

Commercial & industrial use only

Safety Data Sheet revised September 26, 2026



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Phone: 321-914-0722

[www.KATIONX.COM](http://www.KATIONX.COM)