

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (as Used on Label and List)
Cationic polymer flocculant

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's name Atakam Inc	Emergency Telephone Number 307-212-6444
Address (Number, Street, City, State and ZIP Code) 1103 Old Town Ln 16 Cheyenne, WY 82009	Telephone Number for Information 818-800-7555
	Date Prepared 8/22/2019
	Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Polyethylene glycol CAS 25322-68-3			non-hazardous	
Aluminum chloride CAS 7446-70-0			non-hazardous	
Magnesium chloride CAS 7786-30-3			non-hazardous	
Potassium Chloride CAS 7447-40-7			non-hazardous	
Water deionized				

Section III—Physical/Chemical Characteristics

Boiling Point	No data available	Specific Gravity (H ₂ O = 1)	1.22
Vapor Pressure (mm Hg)	No data available	Melting Point	Not applicable
Vapor Density (AIR = 1)	No data available	Evaporation Rate (Butyl Acetate = 1)	No data available
Solubility in Water	Soluble		
Appearance and Odor	Odorless		

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used) Non flammable	Flammable Limits	LEL	UEL
Extinguishing Media	Non flammable. Not active to carbon dioxide, water, dry powder, foam, sand		
Special Fire Fighting Procedures	Non flammable		
Unusual Fire and Explosion Hazards	In combustion releases carbon oxides CO _x		

Section V—Reactivity Data

Stability	Unstable	Stable	Conditions to Avoid
	Stable	Reactivity, chem.	Avoid the formation of vapors, direct sunlight and pollution

Incompatibility (*Materials to Avoid*) No data available

Hazardous Decomposition or Byproducts In combustion releases carbon oxides COx

Hazardous Polymerization	May Occur	No data available	Conditions to Avoid
	Will Not Occur	No data available	No data available

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
-------------------	-------------	-------	------------

No general hazardous for health. Inhalation, skin contact and ingestion can result with irritation. Remove person to the fresh air after inhalation. After pro-

longed skin contact wash with soap. If skin irritation persists, call a physician. After ingestion rinse mouth with water, plenty drink. Call physician if symptoms develop.

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
No	No	No	No

Signs and Symptoms of Exposure

No data available

Medical Conditions
Generally Aggravated by Exposure

Eye irritation, prolonged contact can cause redness of the skin.

Emergency and First Aid Procedures

Clean eyes with water, wash hands with soap, rinse mouth with water

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Clean with water and soap

Waste Disposal Method

Can be disposed as household waste

Precautions to Be Taken in Handling and Storing

No precautions

Other Precautions

No precautions

Section VII—Control Measures

Respiratory Protection (*Specify Type*)

Ventilation	Local Exhaust	Not required	Special	No special requirements
	Mechanical (<i>General</i>)	Recommended	Other	No data available

Protective Gloves	yes	Eye Protection	Protective glasses
-------------------	-----	----------------	--------------------

Other Protective Clothing or Equipment No data available

Work/Hygienic Practices No data available