



گوهر شیمی کاران
پاسارگاد

وارد کننده و عرضه کننده
انواع محلول شیمیایی صنعتی و معدنی



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Material Safety Data Sheet

Section 01 - Product And Company Identification

Product Identifier	Flocculant
Other Means of Identification	None
Product Use and Restrictions on Use	Anionic flocculants or coagulant aid in mining, municipal, wastewater and industrial water treatment.
Initial Supplier Identifier	Not Available
Prepared By	Not Available
24-Hour Emergency Phone	Not Available

Section 02 - Hazard Identification

Classification

Not classified as a hazardous substance or mixture.

Section 03 - Composition / Information on Ingredients

Chemical Name	CAS Number	Weight %	Unique Identifiers
Anionic water-soluble polymer	Not Available		

Section 04 - First Aid Measures

Inhalation	If symptoms are experienced, remove victim to fresh air. Seek medical attention if symptoms persist.
Skin Contact / Absorption	Remove contaminated clothing. Rinse skin with soap and water. Seek medical attention if irritation occurs or persists.
Eye Contact	Flush immediately with water for at least 30 minutes. Forcibly hold eyelids apart to ensure complete irrigation of the eye tissue. Seek medical attention if irritation persists.
Ingestion	No adverse effects are expected. If you feel unwell or concerned, seek medical attention.
Additional Information	Not Available

Section 05 - Fire Fighting Measures

Suitable Extinguishing Media	Use extinguishing media appropriate for surrounding fire.
Unsuitable Extinguishing Media	Not Available
Specific Hazards Arising From the Chemical	Decomposition of product may produce nitrogen and carbon oxides.
Special Protective Equipment and Precautions for Fire-Fighters	Wear NIOSH-approved self-contained breathing apparatus and protective clothing.
Further Information	Not Available

Section 06 - Accidental Release Measures

Personal Precautions / Protective Equipment / Emergency Procedures	Wear appropriate personal protective equipment. Ventilate area. Only enter area with PPE. Stop or reduce leak if safe to do so.
Environmental Precautions	Prevent material from entering sewers.
Methods and Materials for Containment and Cleaning Up	Remove spills promptly by sweeping or vacuuming as they may make floors slippery. Spilled material that comes in contact with water will create very slippery conditions. Trace amounts can be flushed away with water.

Section 07 - Handling and Storage

Precautions for Safe Handling	Use proper equipment for lifting and transporting all containers. Use sensible industrial hygiene and housekeeping practices. Wash thoroughly after handling. Avoid all situations that could lead to harmful exposure.
Conditions for Safe Storage	Store at temperatures 0-35°C and ensure containers are closed when product is not in use. Avoid contact with water. Product shelf life expected to be 24 months when storage requirements are followed.
Incompatibilities	Oxidizers.

Section 8: Exposure Controls/Personal Protection

Engineering measures:

Engineering controls are not usually necessary if good hygiene practices are followed.

Hygiene protection:

Not recommended

Eye protection:

Wear eye/face protection.

Skin protection:

Avoid skin contact. Wear impermeable gloves.



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Additional Advice:

Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water.

Section 09 - Physical and Chemical Properties Appearance

Physical State	Solid, granules
Colour	White
Odour	Odourless
Odour Threshold	Not Available
Property:	
pH	4-9 @ 5g/L
Melting Point/Freezing Point	Not Available
Initial Boiling Point and Boiling Range	Not Available
Flash Point	Does not flash
Evaporation Rate	Not Available
Flammability	Non-flammable
Upper Flammable Limit	Not Available
Lower Flammable Limit	Not Available
Vapour Pressure (mm Hg, 20oC)	Not Available
Vapour Density (Air=1)	Not Available
Relative Density	0.80g/cm ³
Solubility(ies)	Completely miscible
Partition Coefficient: n-octanol/water	Not Available
Auto-ignition Temperature	Does not ignite
Decomposition Temperature	Not Available
Viscosity	Not Available
Explosive Properties	Not Available
Specific Gravity (Water=1)	Not Available
% Volatiles by Volume	Not Available
Formula	Not Available
Molecular Weight	Not Available

Section 10 - Stability and Reactivity

Reactivity	Not Available
Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	Polymerization will not occur.
Conditions to Avoid	Not Available
Incompatible Materials	Oxidizing agents may cause exothermic reactions.
Hazardous Decomposition Products	Oxides of nitrogen and carbon.

Section 11: Toxicological Information

Toxicological information for the product is found under Section 3.

Acute Data: Oral: LD50/oral/rat=5000 mg/kg

Dermal: The product is not expected to be toxic in contact with the skin

Section 12: Ecological Information

The products not considered toxic to aquatic organisms or harmful to the aquatic environment. However, as with all chemical products, do not introduce directly into the environment.

Section 13 – Disposal Considerations

Waste From Residues/Unused Products

Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.

Contaminated Packaging

Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.

Section 14: Other Information



گوهر شیمی کاران
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Telephone

+98 31 4 269 58 31 – 2

Mobile

+98 912 194 0 732

Website

www.KTKAR.com

Mail

info@ktkar.com

Sales

+98 31 4 269 58 30

Whats app/Telegram/Viber

+98 919 585 52 73