



POLYMER COAGULANT

SAFETY DATA SHEET

1. Identification of Substance/ Preparation/ Undertaking

Identification of substance:

Product Name: Polymer Coagulant

Trade Name: pure-treat coagulant

Use of Product/ Substance: water treatment applications. A very effective water purification agent.

Supplier/ Manufacturer:

Tangent limited

Tangent building Beaula Beach Estate

Behind ShopRite Egbu Road

Owerri, Imo State

2 Composition/ Information on Ingredients/dosage

Chemical composition

Pure polyacrylamide/ poly floc

Preparation is compatible with other water treatment chemicals.

Dosage: A recommended batch of 1 liter to 1000 litres of water is desirable. However, operator can adjust concentrations without harm depending on severity and type of treatment.

3. Hazards Identification

This preparation is classified as minimal hazard according to directive 1999/45/EC and its amendments.

Handle according to normal safe handling of chemical practices.

4. First Aid Measures

First Aid measures

Eye contact: Check for and remove contact lenses.

In case of contact, immediately flush eyes with plenty of water for at least 20 minutes.

Get medical attention

Skin contact: Immediately wash skin with water continuously for 15 minutes. If itching or irritation occurs, seek medical attention.

Inhalation: Remove to open air. If there is abnormal breathing, seek medical attention.

Ingestion: Obtain medical attention, drink plenty of water. Never give anything by mouth to unconscious victim.

5. Fire —Fighting Measures

Extinguishing media

Suitable: Use an extinguishing agent suitable for the surrounding fire.

Special exposure hazard: Plan evacuation of victim against release of hazardous mists.

Equipment for fire-fighting: Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face- piece operated in positive pressure mode.

6. Accidental Release Measures

Immediately contact emergency personnel. Keep unnecessary personnel away from spill. Wear suitable protective equipment. Create barriers to limit spillage.

Methods for cleaning up: If emergency personnel are unavailable, carefully scoop up spill and put in appropriate container for disposal.

7. Handling And Storage

Handling: wash thoroughly after handling.

Storage: keep container tightly closed

Packing materials: plastic drums/ containers

8. Exposure Control/ Personnel Protection

Exposure limit values: Not established

Reference should be made to European standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Controls: No special ventilation requirements. Good general ventilation should be sufficient to control airborne levels.

Eye protection: Safety glasses.

Respiratory protection: A respirator is not needed under normal and intended conditions of product use.

Hand protection: Rubber hand gloves.

Hygiene measures: wash hands, forearms and face thoroughly after handling product and before eating or smoking.

9. Physical and Chemical properties

Colour		colourless
Appearance		poly liquid
Solubility		Soluble in water
Vapour density	NA	
Viscosity	NA	
Flash point	NA	
Vapour pressure	NA	
Specific gravity		1,400Kg/l
Boiling point		1100C

10. Stability and Reactivity

This product is suitable under normal conditions of storage and use.

11. Toxicological Information

Product is classified as low toxicity. However, ingestion may cause stomach pain and health disorder.

Skin contact may induce irritation and sticking. There has not been a recorded adverse effect upon usage.

12. Ecological Information

No serious ecological concerns/ data are available for this product.

Handle in accordance with good working practices.

Avoid litter. Do not contaminate soil, sewer or water ways.

Inform competent authorities in event of contamination with sewers soil or vegetation.

Take special attention to avoid harm to ecosystem.

13. Disposal consideration

If possible incinerate wastes emanating from this product. Wastes can be disposed of in a landfill.

14. Transport information

Transport this product tightly covered in impenetrable plastic containers. Show label in transit.