



MATERIAL SAFETY DATA SHEET
DIFLOMEX- 2010
(Terpolymer of Acrylic Acid)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION

Trade Name: **DIFLOMEX T2010**
Chemical Name: **Terpolymer of acrylic acid- AA/AMPS/ Vinyl Acetate**
Chemical Formula: **(CH₃CHCOONa)_n**
Product type and use: **Anionic polymer/ Multi-functional properties as: removal, dispersion, and inhibition of calcareous incrustations; controlling tricalcium phosphate deposits; stabilizing metal ions such as Fe and Zn, and dispersing iron oxides**
Company **LGA Chemical Solutions, Inc.**
8930 Wurzbach Rd. Suite 240
San Antonio, TX 78240
Email: info@lgachemsol.com

2. HAZARDOUS IDENTIFICATION

APPEARANCE AND ODOR

Color: **Yellow to light orange**
Appearance: **Viscous liquid**

STATEMENTS OF HAZARD

Effects of a single overexposure by:

Inhalation: **May cause irritation of mucous membranes**
Skin contact: **May cause irritation to the skin**
Contact with eyes: **May cause significant irritation**



Ingestion: May be slightly toxic

Effects of a multiple overexposures by:

No data available on multiple overexposures

3. COMPOSITION INFORMATION ON INGREDIENTS

	CAS No.	Concentration
Terpolymer of acrylic acid	40623-75-4	44± 1
Others		56±1

4. HANDLING AND SAFETY

Inhalation: Go to an open place different area of contamination and get fresh air. In case the person feels unwell, SEEK MEDICAL ATTENTION.

Skin contact: Remove contaminated clothing and shoes. Wash the contaminated skin with soap and water for at least 15 minutes. If irritation persists, seek medical attention.

Contact with eyes: Rinse with plenty of running water for at least 15 minutes. SEEK MEDICAL ATTENTION.

Ingestion: Flush with water, and then give water to drink. Do not encourage vomiting. SEEK FOR MEDICAL EXAMINATION IMMEDIATELY.

5. FIRE-FIGHTING MEASURES

Flammable Properties: Not Flammable

Extinguishing media

- Suitable: Regular Foam, Carbon dioxide, water, regular dry chemical. Use appropriate media for surrounding material- area



- Not suitable: None in particular
- Specific protection of firefighters: Use suitable safety equipment

6. ACCIDENTAL RELEASE MEASURES

Personal Precaution: Wear appropriate chemical resistant clothing, chemical resistant gloves, and safety goggles. Self-contained breathing apparatus, must be worn when the product produces a fumigant gas.

Clean up DO NOT COME IN CONTACT WITH SPILLED MATERIAL

- On ground: Absorb Leak and Spills- Use sand, vermiculite, absorbent clay or diatomaceous earth in contaminated areas. Sweep or vacuum up the material, and place it in a disposal container.
- On water: Inform the appropriate local authority
- On clothing or equipment: Separate contaminated clothes or equipment. Launder before reuse. Remove/Clean material from shoes and protective equipment.

7. HANDLING AND STORAGE

Handling: Keep container dry. Ensure all containers are labeled. Avoid skin and eye contact. Wear appropriate protective clothing

Store: Store in an appropriate container. Keep containers tightly closed when not in use. Recommended storage temperature is below 95°F

8. EXPOSURE CONTROLS/ PERSONAL PROTECCION

Engineering Controls: The working area and methods should be designed to prevent contact with the product.

Personal Protection

- Eyes: Safety goggles with a faceshield.
- Protective clothing: Safety goggles, chemical resistant clothing.
- Gloves: Wear chemical resistant gloves.

Safety Station: Create equipment for eye rising and safety/quick-drench shower, and washing facilities in work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Yellow to light orange
Appearance:	Viscous liquid
pH:	2± 0.5
Boiling Point	>100°C
Melting Point:	Not Applicable
Relative Density:	1.15- 1.25
Vapor Density _(air= 1) :	Not Available
Vapor Pressure:	Not Available
Solubility in water:	Soluble
Evaporation Rate:	Not Applicable
Flash Point:	Not Available

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal ambient conditions of temperature and pressure.
Conditions to avoid:	Avoid exposure to extreme temperatures
Materials to avoid:	Strong alkalis, amines, nitrites, sulphites and oxidizing agents.
Hazardous decomposition products	Carbon monoxide, carbon dioxide
Polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Irritancy:	Irritant
Animal Toxicity Data:	Not Available
Carcinogenicity:	Not Available
Teratogenicity:	Not a known teratogenic
Mutagenicity :	Not a known mutagenic

12. LOGICAL INFORMATION

Environmental Effects:	Not Available
Toxic Irritation limit:	Not Available
Algae:	Not Available
Protozoa:	Not Available
Teratogenicity:	Not a known teratogenic
Mutagenicity:	Not available
Biodegradability:	Not Available



13. DISPOSAL CONSIDERATIONS

Waste Product Residues: Absorb spills with sand or diatomaceous earth. Place generated waste in containers, and sealed them properly. Wash any remaining with water, and dispose in accordance with all federal, provincial or local regulations.

Waste from contaminated packaging: Dispose in accordance with all federal, provincial/ or local regulations apply.

14. TRANSPORT INFORMATION

Dot Classification Not Available

Special Provisions for Transportation: Not Available

15. REGULATORY INFORMATION

U.S Regulatory Status

U.S. EPA Registered:

U.S. EPA Hazardous Air Not Available

Pollutant:

International Regulatory Status:

UNEP Persistent Organic Not Available

Pollutant:



16. PRESENTATION

Di-T2010 is available from 5, 55 gallons drums to 265 gallons IBC totes.

*Special prices in bulk quantities.

Note.

The information in the Material Safety Data Sheet (MSDS) should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. Reasonable care has been taken in the preparation of this MSDS. The information in this MSDS is provided in good faith, based on experience using the product. However, no warranty is made as to the accuracy of and/or sufficiency of such information and/or suggestions or as to the product's merchantability or adequacy for any particular purpose, or that any suggested use will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. Buyer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes, including mixing with other products. There is no liability for the misuse of company product.

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