

AQUAZZOL 407L

1.0 Product Name: Ferric Chloride Solution

1.1	Color	Yellowish -Dark Brown
1.3	Product Appearance	Yellowish-Dark brown Liquid
1.4	Water Solubility	Soluble
1.5	pH	<1.0

2.0 Storage Precautions



2.1 Do not store or transfer in a container, road tanker, and storage tank, which was already used for storing acids /bases/oxidants

2.2 Have separate Plastic containers earmarked for storing / filling / refilling AQUAZZOL 407L

2.3 Please ensure that your storage / transit container is washed with pure water before refilling.

2.4 The material shall be stored in airtight plastic / HDPE containers.

2.5 After consuming the material and if residual material is available in the container then the containers should be kept closed tightly with inner lid and cap.

2.6 The containers used shall be dry and free from grease, dirt or other foreign matter likely to cause decomposition of the material.

2.7 The material shall be stored in a cool and dark place and kept strictly away from direct sunlight and excessive heat.

3.0 Emergency and First Aid Procedures



3.1	Eye Contact	Flush with plenty of water for 15 minutes lifting eye lids occasionally Get Medical Attention.
3.2	Skin Contact	Flush with copious quantities of water on the affected area.
3.3	Inhalation	Move to fresh Air – call Physician if Exposure is Severe.
3.4	Ingestion	<p>If Conscious, Drink large quantities of Milk or Gelatin solution ; If those are not available, Drink large quantities of water.</p> <ul style="list-style-type: none"> + Do not give vinegar or other Acids + Do not Induce Vomiting + Get Prompt Medical Attention.

4.0 Fire and Explosion Data



4.1	Flash Point	Not Applicable
4.2	Auto ignition Temperature	Not Applicable
4.3	Handling Precautions	Use Goggles and / or Face Shields, Rubber Gloves and Boots where liquid contact is expected.
4.4	Flammable or Explosive Limit	Non Flammable
4.5	5 Extinguishing Media and Fire Fighting Procedures	Powder , Carbon Dioxide as per requirement of surrounding media
4.6	Decomposition Products Under Fire Conditions	May produce chlorine gas

4.7	Empty Container Warning	Rinse thoroughly with water – Dispose of Container in Conformance with state and local regulations.
-----	-------------------------	---

5.0 Health and Hazard Information

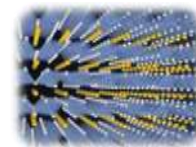


5.1	Variability among Individuals	None Known
5.2	Effects of Over Exposure	Eyes highly Irritant, Inhalation: Irritating to Mucous Membranes – Mouth, Throat & Stomach



6.0 Nature of Hazard and Toxicity Information

6.1	Acute Overexposure Swallowing	See Ingestion under Emergency and First aid procedures.
6.2	Skin Contact	Highly Irritant .
6.3	Inhalation	Fumes from spills irritating to Mucous Membranes.
6.4	Eye Contact	Highly Irritant,
6.5	Chronic Overexposure	Eyes: Can cause Damage. Skin: Can cause irritation ,burns



7.0 Reactivity

7.1	Stability	Stable provided proper storage conditions are met.
7.2	Hazardous Polymerization	Will not occur.
7.3	Conditions to Avoid	Moisture, Heat, Direct exposure to light, Avoid

	contact with Strong acids, Chlorine, Organic materials,
--	---

7.0 Spill or Leakage Procedures

8.1	Steps to be taken in Case Material is released or spilled	Material is toxic to Fish -Flush Spill area with water Neutralize with Sodium Hydroxide solution, Dilute Copiously with water Dispose off in accordance with State Pollution Control Board rules and regulations.
8.2	Ventilation	Local Exhaust
8.3	Respiratory Protection	Use Certified Gas Mask with Canister if Chlorine fumes are present.
8.4	Protective Gloves	Rubber.
8.5	Eye Protection	Chemical Goggles.
8.6	Other Protective Equipment	Use rubber Splash Apron – Safety Shower & Eye fountain should be located nearby.
8.7	Personal Hygiene	Wash after Handling, Clean Contaminated Garments before reusing.



9.0 Transportation Information

9.1	Transportation Incident Information	Store material filled Containers Upright in a cool, dry area away from Direct sunlight and excessive heat
-----	-------------------------------------	---