

# AQUAZZOL 401

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## 1.0 Product Name: Hydrated Lime

1.1	Colour	White to off White
1.2	Product Appearance	Fine Powder
1.3	Solubility in water @ 1 ATM	1800 ppm
1.5	Specific Gravity	2.211

## 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

2.2 Have separate Plastic containers earmarked for storing / filling / refilling AQUAZZOL 401

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 – Get Medical Attention.
3.2	Skin Contact	Remove Clothes and flush with copious quantities of water on the affected area. Rinse with Soap and Water for at least 15 minutes.
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"> <li>✚ Do not give vinegar or other Acids</li> <li>✚ Do not Induce Vomiting</li> <li>✚ Get Prompt Medical Attention.</li> </ul>

### **4.0 Fire and Explosion Data**



4.1	Flash Point	Not Applicable
4.2	Auto ignition Temperature	NA
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
4.6	Decomposition Products Under Fire Conditions	Calcium oxide
4.7	Empty Container Warning	Rinse thoroughly with water – Dispose of Container in Conformance with state and local regulations.



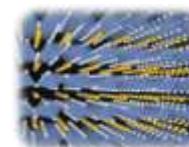
## 5.0 Health and Hazard Information

<b>5.1</b>	<b>Variability among Individuals</b>	<b>None Known</b>
<b>5.2</b>	Effects of Over Exposure	Eyes & Skin: External Irritant, corrosive Inhalation: Irritating to Mucous Membranes – Mouth, Throat Stomach Pain



## 6.0 Nature of Hazard and Toxicity Information

<b>6.1</b>	<b>Acute Overexposure Swallowing</b>	<b>See Ingestion under Emergency and First aid procedures.</b>
<b>6.2</b>	Skin Contact	Irritant, Corrosive.
<b>6.3</b>	Inhalation	Fumes from spills irritating to Mucous Membranes.
<b>6.4</b>	Eye Contact	Irritant,
<b>6.5</b>	Chronic Overexposure	Eyes: Can cause Damage. Skin: Can cause Damage – Chemical Burn.



## 7.0 Reactivity

<b>7.1</b>	<b>Stability</b>	<b>Stable provided proper storage conditions are met.</b>
<b>7.2</b>	Hazardous Polymerization	Will not occur.
<b>7.3</b>	Conditions to Avoid	Moisture, Heat, Direct exposure to light, Avoid contact with Strong acids, Chlorine, Strong reducing Agents, Organic materials, Aluminium, Iron.

## 8.0 SPILL OR LEAKAGE PRODUCERS



8.1	Steps to be taken in Case Material is released or spilled	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
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