



**RAKIRO BIOTECH SYSTEMS PVT LTD**  
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<b>Doc No :</b>	MSDS-AE-407
<b>Rev No :</b>	0
<b>Product :</b>	AQUASOL
<b>Product Code :</b>	407

## MATERIAL SAFETY DATA SHEET

### PRODUCT IDENTIFICATION AND INFORMATION

1 **PRODUCT NAME :** AQUASOL **PRODUCT CODE :** AE 407  
Reagent Application Area : Determination of Chemical Oxygen Demand content in water.

### INFORMATION ON INGREDIENTS AND TOXICITY DATA

2 **Packing :** Reagents are filled in PVC bottles and are packed in PP box with accessories. The Box is packed in a thick bag of polyethylene.  
**Performance :** Able to estimate in water (Range: – 20-400 ppm)  
**Reagents comprising of the following ingredient :**  
Potassium dicromate, Dilute Acid solution, Metal indicator, Ferrous ammonium sulphate.  
For Reagents : Liquid Reagent < 1% aqueous solution.  
All above solutions are non toxic at used levels.

### FIRE AND EXPLOSION DATA

3 **Flammable Limits in air, %by Volume :** N.A  
**Flash Point :** None  
**Extinguishing Media :** NA as the sol. is 90% water

### FIRST AID MEASURES

4 Since there are no hazardous or toxicity implications. There are no special first aid measures required.  
**Ingestion (Swallowing):** May cause nausea and vomiting / Dilute by drinking copious amounts of water and obtain medical attention  
**Skin Contact :** Slightly irritating to skin / Wash affected skin with soap / water and obtain medical attention  
**Eye Contact :** Irritating to eyes / wash eyes with large amount of water for atleast 15 minutes and obtain medical attention  
**Inhalation :** Vapors may be irritating to nose throat and respiratory tract producing symptoms of nausea in poor ventilated area. Remove subject to fresh air obtain medical Attention

### FIRE FIGHTING MEASURES

5 Since product is not inflammable so no fire fighting measures are required.

### ACCIDENTAL RELEASE MEASURES.

6 Since product is non hazardous, non toxic and non inflammable, no specific precautions are required. Avoid breathing vapors and avoid skin contact.

### HANDLING AND STORAGE

7 Since product is non hazardous, non toxic and non inflammable, no specific Precautions are required.  
Store at room temperature, protected from heat, light and draught. Should Not be refrigerated or frozen.



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8	<b><u>EXPOSURE CONTROLS / PERSONAL PROTECTION.</u></b> Since product is no hazardous, non toxic and non inflammable, no specific precautions are required. Maintain good ventilation. Keep away from heat, sunlight and draught.
9	<b><u>STABILITY &amp; REACTIVITY</u></b> Stable under normal storage conditions. Hazardous polymerization will not Occur.
10	<b><u>PHYSICAL &amp; CHEMICAL PROPERTIES</u></b> Refer '2' Composition / information on ingredients
11	<b><u>TOXICOLOGICAL INFORMATION</u></b> Since the product is non toxic at used level, no tests have been carried out.
12	<b><u>ECOLOGICAL INFORMATION</u></b> AQUATIC TOXICOLOGY - No Data Available. BIODEGRADATION - No Data Available.
13	<b><u>DISPOSAL CONSIDERATIONS</u></b> Consult state and local regulations regarding the proper disposal of this material.
14	<b><u>TRANSPORT INFORMATION</u></b> Since product is non hazardous, non toxic, non inflammable. No unusual precautions is required.
15	<b><u>REGULATORY INFORMATION</u></b> Consult state and local regulatory authorities.
16	<b><u>OTHER INFORMATION</u></b> The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations. Rakiro Biotech assumes no responsibility for injury to customers or third persons caused by the material, if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, since actual use by others is beyond our control, no guarantee expressed or implied is made by Rakiro Biotech as to effect of such use, the results to be obtained, others safety and toxicity of the products, nor Rakiro Biotech assumes any liability arises out of use/misuse by others of the product referred to herein. Information proved herein is provided by Rakiro Biotech solely for customers' assistance in implying with the occupational Safety & Health Act Regulations there under. Any other use is prohibited.