

RAKIRO BIOTECH SYSTEMS PVT LTD

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Doc No: MSDSAE101

Date: 01-04-2024

Product: **AQUASOL**

Product Code: AE101

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION AND INFORMATION

CODE: AE101 NAME: AQUASOL COMBINATION TEST KIT

Application: Detection of chemical parameter for Cooling Water.

INFORMATION ON INGREDIENTS AND TOXICITY DATA

Packing: Reagents are filled in Plastic bottles and all required Accessories are packed together in PP Box then wrapped in a outer PP Bag.

Performance: Test Kit to estimate chemical parameter in cooling water sample.

Main Ingredients of Chemical Reagent in the product are as follows:-

Name of Chemical	Cas No	% in Formulation
WATER	7732-18-5	67.00%
SODIUM CHLORIDE	7647-14-5	15.00%
GLUCOSE	50-99-7	8.00%
DISODIUM HYDROGEN ORTHO PHOSPHATE	7558-79-4	2.00%
POTASSIUM DIHYDROGEN ORTHO PHOSPHATE ANHYDROUS	7778-77-0	2.00%
ACETIC ACID	64-19-7	1.00%
AMMONIUM ACETATE	631-61-8	1.00%
SODIUM CARBONATE	497-19-8	1.00%
POTASSIUM PER SULPHATE	7727-21-1	3.00%

FIRE AND EXPLOSION DATA

Non Flamable item Flammable Limits in air, %by Volume:

Flash Point: None

Extinguishing Media: Non Flamable item

FIRST AID MEASURES

Since there are no hazardous implications there are no special first aid measures required.

May cause nausea and vomiting / Dilute by drinking copious amounts of water and obtain Ingestion (Swallowing):

immediate medical attention

Causes Irritating to skin / Wash affected skin with soap / cold water and obtain immediate Skin Contact:

medical attention

Irritating to eyes / wash eyes with large amount of water for atleast 15 minutes and obtain Eye Contact:

immediate medical attention

Vapors may be irritating to nose throat and respiratory tract producing symptoms of nausea Inhalation:

in poor ventilated area. Remove subject to fresh air obtain immediate medical attention



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⁵ FIRE FIGHTING MEASURES

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

⁶ ACCIDENTAL RELEASE MEASURES.

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

⁷ HANDLING AND STORAGE

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

8 EXPOSURE CONTROLS / PERSONAL PROTECTION.

Product is no hazardous, non toxic and non inflammable but use personal protective gear Aporon, Handgloves and Face Shield. Maintain good ventilation while using the product

9 STABILITY & REACTIVITY

Stable under normal storage conditions. Hazardous polymerization will not Occur.

10 PHYSICAL & CHEMICAL PROPERTIES

Refer '2' Composition / information on ingredients

11 TOXICOLOGICAL INFORMATION

Since the product is non toxic at used level, no tests have been carried out.

12 ECOLOGICAL INFORMATION

AQUATIC TOXICOLOGY - No Data Available. BIODEGRADATION - No Data Available.

13 <u>DISPOSAL CONSIDERATIONS</u>

Follow local guidelines/regulations regarding the proper disposal of this material.

14 TRANSPORT INFORMATION

Non Dangerous / Non Hazardous / Non Toxic / Non Inflamable / Not Regulated as per IATA / IMDG

15 REGULATORY INFORMATION

Consult state and local regulatory authorities.

16 OTHER INFORMATION

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 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. Product to be used under guidence of qualified personal. Product for Inductrial Application only and not for Retail Sale.