

Doc No: MSDSAE231 Date: Product : Product Code : AE231

01-04-2024 AQUASOL

Non Flamable item

MATERIAL SAFETY DATA SHEET

1 PRODUCT IDENTIFICATION AND INFORMATION

CODE : AE231

NAME : AQUASOL TOTAL HARDNESS TEST KIT

Application : Determination of Total Hardness in Water

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Website :- www.rakiro.net

2 **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 Total Hardness in water sample.

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

Name of Chemical	Cas No	% in Formulation
Water	7732-18-5	76.00%
sodium Chloride	7647-14-5	20.00%
EDTA, Disodium Salt	6381-92-6	1.00%
Hydrochloric acid	7647-01-0	1.00%
Monoethanolamine	141-43-5	2.00%
FIRE AND EXPLOSION DATA		
Flammable Limits in air,%by Volume :		Non Flamable item
Flash Point :		None

Extinguishing Media :

4 FIRST AID MEASURES

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Since there are no hazardous 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 immediate medical attention
Skin Contact :	Causes Irritating to skin / Wash affected skin with soap / cold water and obtain immediate medical attention
Eye Contact :	Irritating to eyes / wash eyes with large amount of water for atleast 15 minutes and obtain immediate 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 immediate medical attention

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.



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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 DISPOSAL CONSIDERATIONS

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

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