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Doc No :	MSDSAMB1T50
Date :	01-04-2026
Type :	AQUASOL DIGITAL
Product Code :	AMB1T50

MATERIAL SAFETY DATA SHEET

1 PRODUCT IDENTIFICATION AND INFORMATION

PRODUCT NAME : AQUASOL DIGITAL 50 NTU CALIBRATION SOLUTION
Reagent Application Area : Calibration of Turbidity Meter

2 INFORMATION ON INGREDIENTS AND TOXICITY DATA

Packing : 2 x 50ml (100ml) Bottle filled with liquid reagent are packed in a Carton.
Performance : Standard Solution of Chemical Oxygen Demand
Ingredient : Water :- Min: 99%
Sulphate Salt :- Max: 1%

3 HAZARDS IDENTIFICATION

Non Hazardous / Non Flammable / Non Toxic.

4 FIRST AID MEASURES

Ingestion: May cause burns of the mouth, May be fatal if swallowed. Consult Doctor immediately
Skin Contact: Direct contact can be irritating to the skin and may result in redness, swelling, burns and skin damage. Direct contact with the liquid or exposure to vapors may cause stinging.
Eye Contact: Tearing, redness, swelling, corneal damage and irreversible eye damage. Splashes in the eyes will cause severe burns. Safety googles should be worn when working with this chemical.
Inhalation : May cause severe irritation and burns of the nose, throat and respiratory tract.

5 FIRE FIGHTING MEASURES

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

6 ACCIDENTAL RELEASE MEASURES

If liquid is spilled or leaked, ventilate area. Stay upwind and away from spill release. Avoid discharge into drains, water courses or onto the ground. Persons not wearing protective equipment and clothing should be restricted from areas of spills or leaks until cleanup has been completed.

7 HANDLING AND STORAGE

Handling : Non Hazardous, Non Toxic and Non Inflammable, No Specific Precautions are required.
Storage : Store at room temperature, protected from excessive heat, Should Not be refrigerated or frozen.
Temperature: Boiling Point : 100 Deg C
Flash Point : Not Appicable (As it is a water based)

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Required to use splashproof safety goggles where there is any possibility of liquid solutions contacting the eye. Rubber apron, rubber boots, eyewashstations and safety showers must be available in the immediate work area foremergency use.

9 PHYSICAL & CHEMICAL PROPERTIES

Refer '2' Composition / information on ingredients.

10 STABILITY & REACTIVITY

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

MATERIAL SAFETY DATA SHEET

11 TOXICOLOGICAL INFORMATION

Since the product is not toxic at use level, no such tests have been carried out.

12 ECOLOGICAL INFORMATION

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

13 DISPOSAL CONSIDERATIONS

Avoid release to the environment. Consult state and local regulations for the proper disposal.

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 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.