RAKIRO BIOTECH SYSTEMS PVT LTD
R-466, TTC Industrial Area, MIDC
Rabale, Navi Mumbai - 400701
Tel No. +91- 022 - 47804040
Email :- sales@rakiro.net
Website :- www.rakiro.net

Doc No :	MSDSWT1010
Date :	01-10-2025
Type :	UDAAQ
Product Code :	WT1010

MATERIAL SAFETY DATA SHEET

1 PRODUCT IDENTIFICATION AND INFORMATION

Product code: WT1010 Used For : Boiler Treatment

Product Name: Multipurpose Fire Tube Boiler Formulation

2 INFORMATION ON INGREDIENTS AND TOXICITY DATA

Product comprises of the following ingredients
Aqueous solution of

Name	CAS No	LD50 Oral(Rat)
Caustic Soda	1310-73-2	140 - 340 mg/kg
Polymaleic Acid	26000-09-2	>12.5 g/kg
Copolymer of Acrylic acid AMPS	Proprietary	5.0 g/kg
Sodium Lignosulphonate	8061-51-6	6 .0 g/kg
Tannic acid	1401-55-4	2.26 g/kg
Water	7732-18-5	-

3 FIRE AND EXPLOSION DATA

Flammable Limits in air,%by Volume :	N.A
Flash Point :	None
Extinguishing Media :	Water, Foam

4 FIRST AID MEASURES

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 foratleast 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

5 FIRE FIGHTING MEASURES.

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

6 REACTIVITY DATA

Stability : Stable under normal storage conditions. Hazardous Polymerisation will not occur.

7 HANDLING AND STORAGE

Wear rubber gloves and safety goggles. Avoid breathing vapors and avoid skin contact. Keep away from direct heat and sunlight.

RAKIRO BIOTECH SYSTEMS PVT LTD
R-466, TTC Industrial Area, MIDC
Rabale, Navi Mumbai - 400701
Tel No. +91- 022 - 47804040
Email :- sales@rakiro.net
Website :- www.rakiro.net

MATERIAL SAFETY DATA SHEET

8 SPILL OR LEAK PROCEDURES

Soak up spills with absorbent material and scoop into drums. Follow all local, state and federal regulations for disposal. Do not dispose into lakes and streams. The floor may be slippery use caution to avoid falls.

9 SPECIAL PROTECTION INFORMATION

Respiratory protection :	Maintain good ventilation otherwise use self– contained breathing apparatus.
Ventilation protect :	Local exhaust / mechanical (General)
Protective Gloves :	Yes
Eye Protection :	Safety Goggles
Other Protection :	Long Sleeve Shirt, long pants, Boots and hat.
Hygienic Practices :	Follow normal hygienic practices for handling chemicals.

10 PHYSICAL & CHEMICAL PROPERTIES

Refer '2' Composition / information on ingredients

11 TOXICOLOGICAL INFORMATION

No tests have been carried out. Since the product is no toxic at used level,
Do not take internally.

12 ECOLOGICAL INFORMATION

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

13 DISPOSAL CONSIDERATIONS

Consult state and local regulations regarding the proper disposal of this material.

14 TRANSPORT INFORMATION (By Air / Sea)

Goods Type:	Dangerous goods as per (IATA / IMDG)
Packing Class:	8
Packing Group:	II
UN No:	UN3265

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.