RAKIRO BIOTECH SYSTEMS PVT LTD
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Doc No :	MSDSWTB2100
Date :	01-10-2025
Type :	UDAAQ
Product Code :	WTB2100

MATERIAL SAFETY DATA SHEET

1 PRODUCT IDENTIFICATION AND INFORMATION

Product code: WTB2100 Used For : Cooling System Treatment

Product Name: Thps Based Biocide

2 INFORMATION ON INGREDIENTS AND TOXICITY DATA

Product comprises of the following ingredients
An aqueous solution of commercial blend of

Name	CAS No	LD50 Oral(Rat)
Octakis (Hydroxymethyl) Diphosphonium Sulfate	55566-30-8	575 mg/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 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

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.

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.

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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

Since the product is no 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

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.
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