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(An ISO 9001:2015 Certified Company)

Material Safety Data Sheet

1 . Chemical Product & Company Information

A. Product Name : Biocide (WTCB-101)

B. General Character :Clear Light Yellow Liquid

C. Using of Product : Inactivate the bacteria and algae present in water D. Manufacture Information

Manufacture Name : Tae Sung Autoind Pvt. LTD.,

E. Supplier/Distributor

Supply Company : Tae Sung Autoind Pvt. LTD., Phone:

044-26810889,26811433. F. Prepared By Department& Person : Technical Department.

G. Prepared Date : June.2025.

H. Revision Time& Final Revision Date : June,2025

2 .Component & Concentration Of Material

Chemical Name	CAS NO	Concentration (%)
Mono sodium Phosphate	7558-80-7	55-60 %
Poly DADMAC	26062-79-3	7-10 %
Misc		35-40 %

3 . Hazard , Health Identification

A. Emergency Hazard, Health Information : Acute

B. Effect Of eye : Can cause injury.may cause permanent damage to eyes

C. Effect Of skin : Causes burns irritation effects can be delayed for hours. Harmful in conduct D. Effect Of Inhalation : Harmful by inhalation

E. Effect Of swallow : Harmful if swallowed.

F. Chronic Symptom : May cause sensitisation by skin conduct

4 . Firster- Aid Measures

A. After Eye Contact : Wash away with water (at least 15min), obtain medical attention.

B. After Skin Contact : Remove contaminated clothWash away with water

C. After Inhalation : Remove the place of fresh air , breathing air

D. After Swallow : Do not induce vomitting , visit doctor immediately

E. Attention of Doctor : Gived the functional treatment, According symptom

5 . Fire Fighting Measures

- A. Flashing Point : None
- B. Spontaneous Combustion Point : None
- C. Max/Min flammable Limits (vol, %) : None
- D. Law of Extinguish Methode : None
- E. Extinguish Media : None
- F. Extinguish Method& Equipment :none
- G. The generation of danger Material with Combustion : None
- H. Don't Use Extinguish Media : None

6 . Spill And Leak Procedures

- A. Personal Precaution
 - a. Do not inhale vapour
 - b. Shut off ignition material and heat source
 - c. Wear protective equipment Against wind
 - d. After take up with sand and absorbent material , collect place of cleaning
 - e. Provide for ventilation and natural wind
- B. Environment Precation

Do not discharge directly into drains, surface waters
- C. Method for cleaning Up or Elimination

After take up wth absorbent material and sand , collect common use

7 . Handling and Storge Method

- A. Safe Handling
 - a. Do not inhale vapour of high concentration, Avoid contact with eyes.
 - b. Wear rubber shoes and safe mask
- B. Storage Methods : Keep the fresh and a dry place

8 . Exposure Control and Personal Protection

- A. Enginnering control method : Achived by the use of local ventilation
- B. Respiratory Protection : air without direct sunlight
- C. Eye Protection : Wear glasss
- D. Hand Protection : Wear rubber gloves
- E. Healthy Protection : Wear protective cloth of impermeability
- F. Hygiene Attention : After working, wash away soap.

9 . Physical and chemical Properties A.

Appearance: Amber

- B. Odor : Pungent
- C. pH : 4.0 +/- 1.0
- D. Solubility in Water : 100%
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- E. Boiling Point/Boiling Scope : Approx 100°C
- F. Melting Point/ Melting Scope : -33°C
- G. Explosiveness : None
- H. Oxidation : none
- I. Specific Gravity:1.05+/-0.05
- J. Coefficient of distribution : Unknown
- K. Vapour Pressure : 13.3Pa

10 . Stability and Reactivity

- A. Chemical Stability : Stable
- B. Avoidable Condition and Material :Freezing temperatures
- C. The Generation Of harmful Material with Decomposition : Avoid use of oxidizing agents
- D. The Occurrence Of harmful Material with Reactivity : Unknown

11 . Toxicological Information

- A. Acute Oral Toxicity : LD50 457 mg/kg
- B. Acute Inhalation Toxicity : LD50 13.7mg/l
- C. Chronical Toxicity : Not Cancer causing
- D. Mutagenicity Effect : Unknown

12 . Ecological Information

- A. Aquatic and ecological Toxicity : None
- B. Soil Migration : None
- C. Residence and Resolvability : None
- D. Animal & Living thing Residue : None

13 . Disposal Consideration

- A. Law of Waste Product Control : Industrial waste product (is not specifed waste product)
- B. Disposal Method : After waste production is kept vessel of sealig, disposal with licensed industrial waste treament company.
- C. Disposal Consideration : Avoid outflow of river, lake, drain

14 . Transport Information

- A. Law of Marine Safety, Marine Transport and storge of hazard Material : Yes
- B. Transport Consideration : Corrosive Liquid, Acidic,Organic.
- C. Other Transport Law of foreign : no data

15 . Regulatory Information

- A. Law of Industrial Safety and Hygine : None
- B. Law of Harmful Chemical Substance Control : Law of water environmet Foreign Law : no data
- C. Other

16 . Other Information

- A. The Source of Data : Hazard Material Handbook, Chemical Substance Superintendence