

## 1. Product and Company Identification

www.rxmarine.com

Product Name **Water Injection Bactericide (Amine Type)**  
Product Type **RXSOL-81-8172-230**

### Company Details:

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
VASHI ,NEW BOMBAY 400703 INDIA

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## 2. Composition / Information on ingredients

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Ingredients	CAS No.	Percent
Quaternary Ammonium Compound	Not Available	10 [?] 35 %
Surfactant	Not Available	01 [?] 10 %
Water	7732-18	To 100%

## 3. Hazards Identification

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EFFECT OF OVER EXPOSURE:

EMERGENCY OVERVIEW:

EYE CONTACT:

Harmful if swallowed. Vapors extremely irritating to eyes & respiratory tract. This product is harmful by inhalation. When in contact with the skin and if it is swallowed.

This product is severely irritating to the eyes & may cause irreversible damage

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including burns & blindness. Symptoms may include stinging, tearing, redness, swelling & blurred vision.

**SKIN CONTACT:**

Corrosive to the skin contact with the skin or mucous. Membranes may cause severe irritation & burns. This product contains a component that may cause allergic skin reactions

**SKIN ABSORPTION:**

A component in this product may be absorbed through the skin, especially if skin is damaged.

**INHALATION:**

This product may cause irritation to the respiratory system. Repeated inhalation may be harmful, lung irritation & serious central nervous system disorders may result. Excessive inhalation of this material cause headache, dizziness, nausea & in coordination. Primary route (s) of entry% inhalation, ingestion, eye contact.

**INGESTION:**

This product may produce corrosive damage to the gastrointestinal tract if it is swallowed. This may be harmful of fatal if swallowed.

**4. First Aid Measures**

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- EYE CONTACT** Immediately flush eyes with plenty of water for at least 15 minutes, y open. Get Medical attention, if irritation persists.
- SKIN CONTACT** Immediately wash Skin with soap and water. Get Medical attention,
- INHALATION** Iemove to fresh Air. If not breathing, give artificial respiration. If br Oxygen. Get immediate medical attention, if symptoms persist.
- INGESTION** If swallowed induce vomiting immediately as directed by medical pe anything by mouth to an unconscious person. Get medical attention i

**5. Fire-fighting Measures**

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Flash Point	: MORE THAN 100° C (Closed Cup)
Lower Explosive Limit	: N.D.
Upper	: N.D.
Auto Ignition Temp	: N.D.

### **Unusual Fire or Explosion Hazard :**

Vapors can travel to a source of ignition and flash back. Combustible Liquid [?]Empty[?] containers retain product residue (Hard and / or vapor) and can be dangerous. Do not Pressurize, Cut, Weld Braze, Solder, Drill, grind, or expose such containers to heat, flame, Sparks or other sources of ignition. They may explode and cause injury or death.

### **Decomposition products:**

Irritating & toxic gases or fumes may be released during a fire.

### **Extinguishing Media:**

Dry chemical foam Carbon Dioxide, water may be an ineffective extinguishing medium. Use water to cool fire exposed containers & to protect personnel.

### **Fire[Fighting instructions:**

Firefighters should wear full protective clothing including self contained breathing apparatus.

## **6. Accidental Release Measures**

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### **CONTAINMENT PROCEDURES:**

Stop the flow of material, if this is without risk. Eliminate all sources of ignition. Or flammable that may come in to contact with a spill of this material. Wear appropriate protective equipment & clothing during clean-up

### **CLEAN-UP PROCEDURES:**

Absorb spill with inert material shovel material in to appropriate container for disposal. Dispose of collected material according to regulation. Ventilate the contaminated area.

## **7. Handling and Storage**

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### **HANDLING PROCEDURES:**

Do not allow contact with eyes. Avoid getting this material into contact with your

skin. Wash thoroughly after handling. Avoid breathing vapors or mists of this product. Do not take internally for industrially use only. Keep this product away from heat, sparks or open flame.

### **STORAGE PROCEDURES:**

Keep Container tightly closed & in a cool, well-ventilated place away from in compatible materials. Eliminate all sources of ignition.

## **8. Exposure controls and personal protection**

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ENGINEERING CONTROL	Local exhaust ventilation may be necessary to control their TLVS during the use of this products. Facilities should be equipped with an eye wash facility and a safety
PERSONAL PROTECTIVE EQUIPMENT	As prescribed in the OSHA standard for personal protection perform a hazard assessment of all workplaces to determine proper protective equipment for each task performed.
EYES/FACE PROTECTIVE EQUIPMENT	Wear chemicals goggles. Face shield [if splashing is possible]
SKIN PROTECTION	Use impervious gloves, gloves should be tested to determine contact. Use of impervious apron & boots are recommended
RESPIRATORY PROTECTION	If ventilation is not sufficient to effectively prevent exposure appropriate NIOSH / MSHA respiratory protection must be used
WORK PRACTICES	Eye wash fountain & emergency showers are recommended

## **9. Physical and chemical properties**

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Physical State	:Homogeneous Liquid
Appearance	:Colourless to Pale Yellow Liquid
Vapor Pressure	:Not Determined
Vapor Density	:Not Determined
Specific Gravity	:1.00 ± 0.05 gm/ml at 25° C
Boiling Point	:Not Determined
Viscosity	