

## 1. Product and Company Identification

www.rxmarine.com

Product Name : Drinking Water Disinfectant Food Grade  
Part Number : RXSOL-33-4237-025

### Company Details:

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

**Branch : Kandla, Mumbai, Chennai, Vizag, Kolkata, UAE, Oman, Canada, Kenya**

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Website : [www.rxmarine.com](http://www.rxmarine.com)

## 2. Composition / Information on ingredients

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Name of Substance	Cas Number
Non Hazardous Ingredient	Proprietary Blend

## 3. Hazards Identification

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Signal Word	Classification according to Directive 67/548/EEC or 1999/45 Warning
Hazard Statements	H315: Causes skin irritation. H318: Causes serious eye damage. H400: Toxic to aquatic life.
Precautionary statements - prevention	Keep only in original container. Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection..
Precautionary statements - response	P102: Keep out of reach of children. P403/P235: Store in a well ventilated area / cool place. P273: Avoid release to the environment. P280: Wear protective gloves / protective clothing / eye / face protection. P302 + P352: IF ON SKIN: Wash with soap and water. P332 + P313: If skin irritation occurs: get medical advice/attention. P362 Take off contaminated clothing and wash before reuse P305 + P351: IF IN EYES: Rinse with water for continuously P338 several minutes, remove contact lenses if present and easy to do continuous rinsing.

## 4. First Aid Measures

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General	In all cases of doubt, or when symptoms persists, s
Eye Contact	Rinse immediately with plenty of water, also und lenses, if present and easy to do. Continue rinsing.
Skin Contact	Wash off immediately with plenty of water for a clothing before reuse. Thoroughly clean shoes bef
Inhalation:	N.A
Ingestion:	Only when conscious, rinse mouth, give plenty

## 5. Fire-fighting Measures

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Flamibility  
Suitable extinguishing media  
Protective Equipment  
Hazardous combustionproducts  
  
Advice for firefighters  
Specific extinguishing methods

Non Fammable  
All Media  
Use personal protective equipment.  
In contact with heavy metals, their compounds and their salts, avoid  
under the development of oxygen  
Wear self-contained breathing apparatus. Wear full protective clothing  
Fire residues and contaminated fire extinguishing water should be disposed  
local regulations. In the event of fire and/or explosion do not

## 6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures  
Enviromental Precaution  
  
Methods and materials for  
containment and cleaning up

Ensure adequate ventilation. Keep people away from contaminated areas.  
Do not allow contact with soil, surface or ground water. Notify local  
authorities immediately.  
Collect as much as possible in a clean container for recycling or disposal.  
plenty of water.

## 7. Handling and Storage

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Advice on safe handling  
Storage  
  
Fire & explosion prevention:

The usual precautions for handling chemicals should be followed.  
Do not store with acids, reducing agents and flammable liquids.  
away from sources of heat and direct sunlight.  
Keep away from combustible material.

## 8. Exposure controls and personal protection

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Engineering Control  
Personal Protection  
  
Exposure Limits:  
Hygiene measures

Effective exhaust ventilation system. .  
**Skin protection:**The usual precautions for handling chemicals should be followed.  
**Eye protection:** The usual precautions for handling chemicals should be followed.  
**Inhalation protection:**The usual precautions for handling chemicals should be followed.  
**Hand protection:**Wear suitable protective gloves. (1)  
**Other protection information:**Keep locked up and do not use if the seal is broken.  
**Other protection information:**The usual precautions for handling chemicals should be followed.  
No exposure limit has been established  
Handle in accordance with good industrial hygiene practices. Wash protective  
clothing before re-use. Wash face, hands and arms before eating, drinking or  
suitable facilities for quick drenching or flushing in the event of a chemical  
hazard.

## 9. Physical and chemical properties

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Form	Liquid
Colour	Yellow (transparent)
Odour	Mild irritating
Boiling point and boiling range	Not relevant (Decomposition under effect of heating)
Flash Point	No Data Available
Freezing Point	No Data Available
pH	Not Determine
Evaporation rate	No data available
Oxidizing properties	Oxidizing agent producing free radicals at room/elevated temperatures or by catalytic agent
Upper explosion limit	No data available
Lower explosion limit	No data available
Explosive properties	No data available
Vapor pressure	Not determined
Relative vapor density	No data available
Relative density	1.06-1.07 g/cm <sup>3</sup> (20°C)
Water solubility	100% Soluble
Solubility in other solvents	No data available
Partition coefficient: octanol	No data available
Autoignition temperature	No data available
Thermal decomposition	No data available
Viscosity, kinematic	No data available
Explosive properties	No data available
Molecular weight	No data available
VOC	No data available

## 10. Stability and reactivity

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Recativity	None
Stability	Decomposition starts at 10 °C
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Incompatible materials	Avoid to contact with strong acids
Hazardous Decomposition	Contact with heavy metals, their compounds and their alloys. Sodium hypochlorite decomposes under the development
Condition to Avoid	Strong acids Reducing agents Combustible substances Protect against heat and direct sunlight
Polymerization	Will not occur.

## 11. Toxicological information

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Route of Exposure	Inhalation, Eye contact, Skin contact
Eyes	Severely irritating
Skin	Irritating to skin
Ingestion	Irritating for mouth, throat, stomach and intestines
Inhalation	LC50: Rat: >10.5 mg/kg bw

Respiratory	Irritating to respiratory system
Acute oral toxicity	Oral LD50: Rat: >10000 mg/kg bw
Acute inhalation toxicity	No data available
Toxicity data:	Skin LD50: Rabbit: >5000 mg/kg bw
Classification	The classification was made by the conventional (calculation) method of Dangerous Preparations Directive 67/548/EEC

## 12. Ecological information

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Environmental behavior:	Rxsol is based on a special formula with an additive ingredient sodium hypochlorite of < 5% : No experimental available
Mobility in earth:	Decomposes
Ecological toxicity:	Fish: Acute toxicity, 96h-LC50: 6 - 32mg/l Daphnia: Acute toxicity, 96h-IC50: 2.1mg/l Plankton: Acute toxicity, 48h-LC50: 0,4mg/l

## 13. Disposal considerations

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Remarks	Please consider the relevant national or regional p that can be handled separately by the local or nation
Waste Disposal	Waste disposal accordance with local regulations

## 14. Transport information

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UN Number	UN 3082
Proper shipping name	