

## 1. Product and Company Identification

www.rxmarine.com

Product Name  
Part Number

Natural Disinfection Eco  
RXSOL-24-2405-025

### 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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Name of Substance	Cas Number
Sodium Hypochlorite	7681-52-9
Sodium Chloride	7647-14-5
Sum parameter	
Sodium hypochlorite as active chlorine	200 ± 800 mg/L
ORP (Ag/AgCl-electrodes)	500-600 mV

## 3. Hazards Identification

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Classification According To Guideline 67/548/Eec Or 1999/45/Ec:  
Special Hazard Notes For Humans And Environment:

Not Applicable

Classification System:

According to the current regulations ((EC) Nr. 1272/2008 and Labelling of Chemicals respectively Regulation (EC) No 609/2009 (Substances and Mixtures) there is no labelling requirement. Classification complies with actual EC-regulations. Additional hazard information from manufacturer are added.

Supplemental Hazard Information (Eu):

EUH031 Contact with acids liberates toxic gas. Very persistent and very bioaccumulative (vPvB) substance.

Label Elements

According to the current EC-regulations / Ordinance there is no specific requirement for the product. For handling chemicals see the safety data sheet.

## 4. First Aid Measures

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General advice:	No special measurements required
In case of eye contact:	In case of unpleasing sensations rinse thoroughly with water
In case of skin contact:	In case of unpleasing sensations rinse with water
If inhaled:	Not applicable.
If swallowed:	Drink plenty of water
Notes to Physician	Not applicable

## 5. Fire-fighting Measures

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Suitable extinguishing media:	Not applicable, product doesn't burn
Unsuitable extinguishing media	None
Spezial protective equipment:	None
Special risks during fire-fighting:	None
Further information	None

## 6. Accidental Release Measures

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Personal precautions:	Avoid contact with eyes
Protective equipment:	None, dilute product with water
Environmental precautions:	No special measurements requested
Methods and materials for containment and cleaning	Rinse with water

## 7. Handling and Storage

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Precautions for safe handling:	Avoid contact with eyes
Conditions for safe storage:	Store at room temperature, keep containers closed
Requirements for storage rooms:	No special requirements
Note for clustering:	Do not store near acids.
Recommended storage conditions:	Protect from solar irradiation and freezing, recom

## 8. Exposure controls and personal protection

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Appropriate engineering controls:	Handle in accordance with good industrial hygiene
Respiratory protection:	Needless
Skin protection:	Nitrile rubber gloves during long-lasting handling needless.
Eye protection:	Wear goggles
Body Protection:	Needless
General precautions:	Wash hands before breaks and at the end of work

## 9. Physical and chemical properties

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Appearance:	Fluid
Colour:	Colourless
Odour:	Faint
pH at 25°C:	7.0 - 8.0
Melting Point:	0 to -2 °C
Boiling Point:	95-100 °C
Flash Point	Not Applicable
Flammability °C:	Not applicable
Self-flammable:	Not Applicable
Oxidizing properties:	No fire accelerant
Lower explosive limit (Vol. %):	Not applicable
Upper explosive limit (Vol. %):	Not applicable
Density at 25°C (g/cm <sup>3</sup> ):	1.001 to 1.004
Water solubility:	Completely miscible

## 10. Stability and reactivity

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Chemical stability:	12 months (unopened at 20°C)
Hazardous	Decomposition products: No hazardous decomposition products
Incompatible materials:	Avoid contact with acids

## 11. Toxicological information

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Acute oral toxicity	Acute toxicity: No data available
Acute toxicity of Sodiumhypochlorit	LD50 (oral mice) 5.800 mg/kg body weight
:	
Primary skin irritation:	No irritation
Primary eye irritation:	Possible
Primary respiratory irritation:	No irritation
Allergization:	No data available
Germ cell mutagenicity:	No data available
Reproductive toxicity:	No data available
Practical experience:	No adverse effects reported
Additional Information:	No data available

## 12. Ecological information

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Ecotoxic action:	No water hazard
Action in sewage works:	Uncritical
Mobility in soil:	Uncritical
Information for elimination:	As pure mineral product not eliminable
Bioaccumulative potential:	Substance(s) in the mixture do(es) not meet the criteria for PBT or No data available
Other adverse effects	No data available
Additional ecological information:	No data available

### 13. Disposal considerations

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Waste treatment Method Dilute With water .Waste material must be disposed of in accordance with the national and local regulations.

### 14. Transport information

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

#### DOT /TDG/IATA/IMDG/IMO

UN Number	Not Applicable
Proper shipping name	No hazardous material as defined in transportation
Hazard Class	None
Packing group	None

### 15. Regulatory information

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

Classification according to EU	Directive 67/548/EEC: C (base metals)
Labelling	According Regulation (EC) No 1272/2008: not ap
water hazard class:	1

### 16. Other information

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Other Information

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