# Material Safety Data Sheet

**SODIUM CHLORIDE SOLUTION 0.85% wv** (RXSOL-60-6605-488)

## 1. Product and Company Identifaction

| | |
|---|---|
| Product Name | SODIUM CHLORIDE SOLUTION 0.85% wv |
| Part Number | RXSOL-60-6605-488 |

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 and KENYA

| | |
|---|---|
| Phone | +91 22 20871200 - 1400 |
| Fax | +91 22 27612100 :::AOH :0091 9821214367 |
| Email | mail@rxmarine.com |
| Website | www.rxmraine.com |


## 2. Composition / informationon ingredients

| Chemical Name | CAS | EC number | Weight |
|---|---|---|---|
| SODIUM CHLORIDE SOLUTION 0.85% wv | 7647-14-5 | 231-598-3 | 58,44 g/mol |

## 3. Hazards Identification

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|---|---|
| Signal Word | Warning |
| Hazard Statements | H315 Causes skin irritation<br>H319 Causes serious eye irritation<br>H335 May cause respiratory irritation |
| P280 Wear protective gloves.P305 + P351 + P338 | Wear eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| Precautionary statements - response | P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continuerinsing. |
| Response | None |
| Disposal | P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. |
| Prevention | P273 Avoid release to the environment. |
| Supplemental Hazard Statements | None |
| Classification of the substance or mixture | Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008. |
| Other hazards | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. |

## 4. First Aid Measures

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| General advice | Never give anything by mouth to an unconscious person. If you feel unwell, seek medical |
| If inhaled | Allow victim to breathe fresh air. Allow the victim to rest |
| Eye Contact | Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists |
| swallowed | Never give anything by mouth to an unconscious person. Rinse mouth with water. |
| Skin Contact | Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. |
| Inhalation: | Allow victim to breathe fresh air. Allow the victim to rest. |
| Ingestion: | Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. |
| Notes to Physician | Treat symptomatically |
| If swallowed | After swallowing: immediately make victim drink water (two glasses at most). Consult a physician. |
| Most important symptoms and effects, both acute and delaye | Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Indication of any immediate medical attention and special treatment needed | No data available |

## 5. Fire-fighting Measures

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| Flammability | NA |
| Flash Point | NA. |
| Suitable extinguishing media | Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | Do not use a heavy water stream |
| Specific hazards arising from the chemical | No additional information available |
| Further information | NA |
| Firefighting instructions | Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. |
| Protection during firefighting | Do not enter fire area without proper protective equipment, including respiratory protection |
| Protective Equipment | NA |
| Specific Hazards Arising from the Chemical | NA |

## 6. Accidental Release Measures

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| Personal precautions, protective equipment and emergency procedures | For non-emergency personnel Protective equipment : Safety glasses. Emergency procedures : Evacuate unnecessary personnel |
| Spillage | NA |
| Personal Protection | Protective equipment : Safety glasses.<br>Emergency procedures : Evacuate unnecessary personnel. |
| Enviromental Precaution | Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. |
| Methods and materials for containment and cleaning | Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. |
| For non-emergency personnel | Protective equipment : Safety glasses.<br>Emergency procedures : Evacuate unnecessary personnel. |
| For emergency responders | Protective equipment : Equip cleanup crew with proper protection.<br>Emergency procedures : Ventilate area. |
| Reference to other sections | See Heading 8. Exposure controls and personal protection |

## 7. Handling and Storage

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| Advice on safe handling | NA |
| Advice on protection against fire and explosion | NA |
| Hygiene measures | Wash contaminated clothing before reuse. |

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|---|---|
| Precautions for safe handling | Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor |
| Conditions for safe storage, including any incompatibilities | Storage conditions : Keep container closed when not in use. Incompatible products : Strong oxidizers. Strong acids. silver nitrate. metals. Incompatible materials : Sources of ignition. Direct sunlight. |
| Storage conditions | Keep container closed when not in use. |
| Storage class | NA |
| Specific end use(s) | NA |
| Handling | NA |
| Advice on general occupational hygiene | NA |
| Incompatible products | Strong oxidizers. Strong acids. silver nitrate. metals. |
| Incompatible materials | Sources of ignition. Direct sunlight |

## 8. Exposure controls and personal protection

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| Occupational Exposure limit values | No data available |
| Biological limit values | No data available |
| Exposure controls | NA |
| Engineering Control | Appropriate engineering controls : Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. |
| Eye/face protection | Chemical goggles or safety glasses |
| Body Protection | protective clothing |
| Skin protection | Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. |
| Respiratory protection | Respiratory protection not required in normal conditions |
| Other Protection Measure | NA |
| Control of environmental exposure | NA |
| Thermal hazards | No data available |
| Other information | Do not eat, drink or smoke during use. |



Gloves



Suit

## 9. Physical and chemical properties

| | |
|---|---|
| Physical state | Liquid |
| Colour | Colorless |
| Odour | Odorless |
| Odor Threshold | Not Applicable |
| pH | Not Applicable |
| Melting Point | Not Applicable |
| Boiling Point | No data available |
| Flash Point | No data available |
| Evaporation Rate | Not Applicable |
| Flammability (solid, gas) | Non flammable |
| Explosive limits | No Data Available |
| Upper/lower flammability or explosive limits | No data available |
| Autoignition temperature | No data available |

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|---|---|
| Decomposition temperature | No data available |
| Vapour pressure | No Data Available |
| Density | 1 |
| Vapour Density | No Data Available |
| Specific Gravity | No data available |
| Partition coefficient | No data available |
| Explosive properties | None |
| Solubility | Miscible with water. |
| Ignition temperature | No information available. |
| Particle characteristics | No data available |

## 10. Stability and reactivity

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|---|---|
| Reactivity | No additional information available |
| Stability | Stable under normal conditions |
| Possibility of hazardous reactions | None. |
| Conditions to avoid | Direct sunlight. Extremely high or low temperatures |
| Incompatible materials | Strong acids. Strong oxidizers. metals. silver nitrate. |
| Hazardous Polymerization | No data available |
| Hazardous decomposition products | Hydrogen chloride. |

## 11. Toxicological information

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|---|---|
| Acute toxicity | Oral: No data available<br>Inhalation: No data available<br>Dermal: No data available |
| Skin corrosion/irritation | no data available |
| Serious eye damage/eye irritation | No data available |
| Respiratory or skin sensitization | No data available |
| Serious eye damage/eye irritation | No data available |
| Rout Of Entry | Inhalation. Ingestion. |
| Toxicity to Animal | NA |
| Toxic Effects on Human | NA |
| Germ cell mutagenicity | No data available |
| Reproductive toxicity | No data available |
| Specific target organ toxicity - single exposure | No data available |
| Special Remarks on other Toxi Effects on Humans: | NA |
| Additional Information | Dehydration and congestion may occur in internal organs. Hypertonic salt solutions can |
| Assessment | NA |
| Endocrine disrupting properties | NA |

## 12. Ecological information

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|---|---|
| Persistence and degradability | No data available |
| Toxicity | Mixture<br>No data available |
| Bioaccumulative potential | No data available |
| Toxicity to fish | NA |
| Toxicity to daphnia and other aquatic invertebrates | NA |
| Toxicity to algae | NA |

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| Eco Toxicity | Not Available |
| COD and BOD 5 | Not Available |
| Products Biodegradation: | The methods for determining the biological degradability are not applicable to inorganic substances. |
| Mobility in soil | No Information available |
| Results of PBT and vPvB assessment | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. |
| Endocrine disrupting properties | NA |
| Assessment | NA |
| Other adverse effects | No data available |

## 13. Disposal considerations

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|---|---|
| **Disposal methods** | NA |
| **Contaminated packaging** | Dispose of as unused product. |
| **Waste treatment Method** | Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product. |

## 14. Transport information

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|---|---|
| UN number | ADR/RID: -<br>IMDG: -<br>IATA: - |
| UN proper shipping name | ADR/RID: Not dangerous goods<br>IMDG: Not dangerous goods<br>IATA: Not dangerous goods |
| Transport hazard class(es) | ADR/RID: -<br>IMDG: -<br>IATA: - |
| Packaging group | ADR/RID: -<br>IMDG: -<br>IATA: - |
| Environmental hazards | ADR/RID: No<br>IMDG: No<br>IATA: No |
| Special precautions for user | No data available |
| Further information | Not classified as dangerous in the meaning of transport regulations |
| Transport in bulk according to IMOinstruments | No data available |

## 15. Regulatory information

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|---|---|
| Safety, health and environmental regulations/legislation specific for the substance or mixture | This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006. International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors : REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : This product contains a substance listed on Annex XIV of the REACH Regulation (EC) Nr. 1907/2006. Listed substance / Sunset Date : After the sunset date the use of this substance requires either an authorization or can only be used for exempted uses, e.g. use in scientific research and development which includes<br>routine analytics or use as intermediate. Regulation (EC) No 1005/2009 on substances that deplete the ozone layer |
| Safety, health and environmental regulations specific for the product in question | NA |
| National legislation | NA |
| DSCL (EEC) | NA |
| Other regulations | NA |
| Chemical Safety Assessment | For this product a chemical safety assessment was not carried out |

## 16. Other information

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| Other Information | The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and weassume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages. |