

1. Product and Company Identification

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Product Name Conductivity Standard 15 µS/cm
Part Number RXSOL-62-5525-015

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 7732-18-5	Deionized Water	98.82 %
CAS 71-23-8	n-Propyl Alcohol, ACS	0.4 %
CAS 7447-40-7	Potassium Chloride, ACS	0.78 %

3. Hazards Identification

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Classification of the substance or mixture	Not classified for physical or health hazards under GHS.
Signal word	None
Hazard statements	None
Precautionary statements	If medical advice is needed have product container or label at hand. Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product.
Other Non-GHS Classification	None

4. First Aid Measures

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Description of first aid measures

After inhalation	Move exposed individual to fresh air. Loosen clothing as necessary and position individual in a comfortable position. Seek medical advice if discomfort or irritation persists.
After skin contact	Wash affected area with soap and water. Rinse thoroughly. Seek medical attention if irritation, discomfort or vomiting persists.
After eye contact	Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.

After swallowing	Rinse mouth thoroughly. Do not induce vomiting. Have exposed individual drink sips of water. Seek medical attention if irritation, discomfort or vomiting persists.
Most important symptoms and effects, both acute and delayed	Irritation. Nausea. Headache. Shortness of breath.
Indication of any immediate medical attention and special treatment needed	If seeking medical attention, provide SDS document to physician.

5. Fire-fighting Measures

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Extinguishing media

Suitable extinguishing agents	If in laboratory setting, follow laboratory fire suppression procedures. Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.
Unsuitable extinguishing agents	None
Special hazards arising from the substance or mixture	Combustion products may include carbon oxides or other toxic vapors.
Advice for firefighters	
Protective equipment	None
Additional information (precautions)	Move product containers away from fire or keep cool with water spray as a protective measure, where feasible.
Hazardous Combustion Products	Carbon monoxide (CO). Carbon dioxide (CO ₂).
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures	Wear protective equipment. Use respiratory protective device against the effects of fumes/dust/aerosol. Keep unprotected persons away. Ensure adequate ventilation. Keep away from ignition sources. Protect from heat. Stop the spill, if possible. Contain spilled material by diking or using inert absorbent. Transfer to a disposal or recovery container.
Environmental precautions	Prevent from reaching drains, sewer or waterway. Collect contaminated soil for characterization per Section 13.
Methods and material for containment and cleaning up	If in a laboratory setting, follow Chemical Hygiene Plan procedures. Collect liquids using vacuum or by use of absorbents. Place into properly labeled containers for recovery or disposal. If necessary, use trained response staff/contractor.
Reference to other sections	None

7. Handling and Storage

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Precautions for safe handling	Prevent formation of aerosols. Follow good hygiene procedures when handling chemical materials. Do not eat, drink, smoke, or use personal products when handling chemical substances. If in a laboratory setting, follow Chemical Hygiene Plan. Use only in well ventilated areas. Avoid splashes or spray in enclosed areas.
Conditions for safe storage, including any incompatibilities	Store in a cool location. Provide ventilation for containers. Avoid storage near extreme heat, ignition sources or open flame. Store away from foodstuffs. Store away from oxidizing agents. Store in cool, dry conditions in well sealed containers. Keep container tightly closed.

8. Exposure controls and personal protection

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Control parameters

Appropriate engineering controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use/handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Respiratory protection

Not required under normal conditions of use. Use suitable respiratory protective device when high concentrations are present. Use suitable respiratory protective device when aerosol or mist is formed. For spills, respiratory protection may be advisable.

Protection of skin

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation being used/handled. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Eye protection

Safety glasses with side shields or goggles.

General hygienic measures

The usual precautionary measures are to be adhered to when handling chemicals. Keep away from food, beverages and feed sources. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Do not inhale gases/fumes/dust/mist/vapor/aerosols. Avoid contact with the eyes and skin.

9. Physical and chemical properties

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Appearance (physical state, color)

Clear, colorless liquid

Odor

Odorless

Odor threshold

Not determined

pH-value

7 [Neutral] (1%

soln/water)

Melting/Freezing point

Approx. (-6)-0C

Boiling point/Boiling range

100°C (212°F)

Explosion limit lower

0 Vol %

Explosion limit upper

0 Vol %

Vapor pressure at 20°C

2.3 kPa (@ 20°C) or 23 hPa

(17 mm Hg) at 20 °C (68 °F)

Vapor density:

0.62 (Air = 1)

Relative density

1 (Water = 1)

Solubilities

Infinite.

Partition coefficient (noctanol/water)

Not determined

Flash point (closed cup)

Not applicable

Evaporation rate

Not determined

Flammability (solid, gaseous)

Not applicable

Density at 20°C

1 g/cm³ (8.345 lbs/gal) at 20 °C (68 °F)

Auto/Self-ignition temperature

Not determined

Decomposition temperature

Not determined

Viscosity

a. Kinematic: Not determined

b. Dynamic: 0.952 mPas at

20 °C (68 °F)

10. Stability and reactivity

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Reactivity	None
Chemical stability	No decomposition if used and stored according to specifications
Possibility of hazardous reactions	None
Conditions to avoid	Store away from oxidizing agents, strong acids or bases.
Incompatible materials	Strong acids. Strong bases.
Hazardous decomposition products	Carbon oxides (CO, CO ₂).

11. Toxicological information

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Acute toxicity	No additional information.
Chronic Toxicity	No additional information.
Skin corrosion/irritation	No additional information.
Serious eye damage/irritation	No additional information.
Respiratory or skin sensitization	No additional information.

Carcinogenicity

Germ cell mutagenicity	No additional information.
Reproductive Toxicity	No additional information.
STOT-single and repeated exposure	No additional information.
Additional toxicological information	No additional information.

12. Ecological information

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Ecotoxicity	No additional information.
Persistence and degradability	Readily degradable in the environment.
Bioaccumulative potential	No additional information
Mobility in soil	Aqueous solution has high mobility in soil.
Other adverse effects	No additional information.

13. Disposal considerations

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Waste disposal recommendations	Product/containers must not be disposed together with household garbage. Do not allow product to reach sewage system or open water. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11). Consult federal state/ provincial and local regulations regarding the proper disposal of waste material that may incorporate some amount of this product.
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14. Transport information

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US DOT

UN number	Not Regulated.
ADR, ADN, DOT, IMDG, IATA	
Limited Quantity Exception	None
Bulk	
RQ (if applicable)	None

Proper shipping Name	Not Regulated
Hazard Class	None
Packing Group	Not Regulated
Marine Pollutant (if applicable)	No additional information.
Comments	None

Non Bulk

RQ (if applicable)	None
Proper shipping Name	Not Regulated
Hazard Class	None
Packing Group	Not Regulated
Marine Pollutant (if applicable)	No additional information.
Comments	None

15. Regulatory information

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United States (USA)

SARA Section 311/312 (Specific toxic chemical listings)	None of the ingredients are listed.
SARA Section 313 (Specific toxic chemical listings)	None of the ingredients are listed
RCRA (hazardous waste code)	None of the ingredients are listed
TSCA (Toxic Substances Control Act)	All ingredients are listed.
CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)	None of the ingredients are listed.

Proposition 65 (California)

Chemicals known to cause cancer	None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for females	None of the ingredients are listed
Chemicals known to cause reproductive toxicity for males	None of the ingredients are listed
Chemicals known to cause developmental toxicity	None of the ingredients are listed.

Canada

Canadian Domestic Substances List (DSL)	All ingredients are listed.
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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 we assume 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 we 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.

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No data available

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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