Material Safety Data Sheet

STANNIC CHLORIDE HYDRATED 98% (RXSOL-60-6605-600)

1. Product and Company Identifaction

Product Name	RXSOL-60-6605-600
Product Type	STANNIC CHLORIDE HYDRATED 98%
Revised date	

Company Details:

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

Stock Point : Mumbai, Kandla, Chennai, Visakhapatnam, Kolkata, Fujairah, Muscat Barka

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2. Composition / informationon ingredients

Substance / Preparation: STANNIC CHLORIDE HYDRATED 98%
CAS No :10026-06-9
Substance.Contains no other components or impurities which will influence the classification of theproduct.

3. Hazards Identification

3.1. Classification of the substance or mixture
Classification EC 67/548 or EC 1999/45
Classification: C; R34
Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)
Health hazards: Skin corrosion-Category 1B-Danger (CLP : Skin Corr. 1B) H314
3.2. Label elements
Labelling EC 67/548 or EC 1999/45
Symbol(s): C : CorrosiveR Phrase(s): R34 : Causes burns.
S Phrase(s): S26 : In case of contact with eyes, rinse immediately with plenty of waterand seekmedical advice.
S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.
S45 : In case of accident or if you feel unwell, seek medical advice immediately
(showthe label when possible).
Labelling Regulation EC 1272/2008 (CLP)
Hazard pictograms

Signal words: Danger
Hazard statements: H314 : Causes severe skin burns and eye damage.Precautionary statements
• Prevention: P280: Wear protective gloves, protective clothing, eye protection, faceprotection.
P260: Do not breathe dust, fume, gas, mist, vapours,spray.
P264: Wash thoroughly after handling.
• Response: P301+P330+P331: IF SWALLOWED : Rinse mouth. Do NOT inducevomiting.
P305+P351+P338: IF IN EYES : Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340: IF INHALED : Remove to fresh air and keep at rest in a positioncomfortable for breathing.
P303+P361+P353: IF ON SKIN (or hair) : Remove immediately all contaminatedclothing. Rinse skin with water/shower.
P363: Wash contaminated clothing before reuse
.• Storage: P405: Store locked up.
• Disposal considerations: P501: Dispose of this material and its container to hazardousor
special wastecollection point, in accordance with local, regional, national and/orinternationalregulation.
3.3. Other hazards
Other hazards: The substance does not fulfil the criteria to be identified as PBT
substance or vPvBsubstance according to Annex XIII of Regulation REACH.

4. First Aid Measures

4.1. Description of first aid measures
Inhalation: Removeto fresh air and keep at rest in a position comfortable for breathing.
Immediately call a POISON CENTER or doctor.
Skin contact: Immediately call a POISON CENTER or doctor. Wash with plenty ofsoap andwater.
Remove/Take off immediately all contaminated clothing.
Eye contact: Immediately call a POISON CENTER or doctor. Remove contact lenses,
ifpresentand easy to do. Continue rinsing. Rinse cautiously with water for several minutes.
Ingestion: Immediately call a POISON CENTER or doctor. Rinse mouth. DoNOTinducevomiting.
4.2. Most important symptoms and effects, both acute and delayed
Symptoms relating to use: Causes severe skin burns and eye damage.
4.3. Indication of any immediate medical attention and special treatment needed
General information:Never give anything by mouth to an unconscious person.
If youfeel unwell, seekmedical advice (show the label where possible).

5. Fire-fighting Measures

5.1. Extinguishing media
Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media: Do not use a heavy water stream.
Surrounding fires: Use water spray or fog for cooling exposed containers.
5.2. Special hazards arising from the substance or mixture
Hazardous combustion products: Under fire conditions, hazardous fumes will bepresent.
Thermal decomposition generates : Corrosive vapours.
5.3. Advice for fire-fighters
Protection against fire: Do not enter fire area without proper protective
equipment,including respiratoryprotection.
Special procedures: Exercise caution when fighting any chemical fire.
Avoid (reject)fire-fighting water toenter environment.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures
For emergency responders: Equip cleanup crew with proper protection.Ventilate area.
For non-emergency personnel: Evacuate unnecessary personnel.
6.2. Environmental precautions
Environmental precautions: Prevent entry to sewers and public waters.
Notifyauthorities if product enterssewers or public waters.
6.3. Methods and material for containment and cleaning up
Clean up methods: On land, sweep or shovel into suitable containers.
Minimizegeneration of dust.Store away from other materials.
6.4. Reference to other sections
See section 8. Exposure controls/personal protection

7. Handling and Storage

7.1. Precautions for safe handling
Handling: Do not breathe dust, fume, gas, mist, vapours, spray. Wash thoroughly afterhandling.
Wash contaminated clothing before reuse.
Technical protective measures: Provide good ventilation in process area to preventformation of vapour.
7.2. Conditions for safe storage, including any incompatibilities
Storage: Keep only in the original container in a cool, well ventilated place.
Keepcontainerclosed when not in use.Storage regulation: Comply with applicable regulations.
Storage-away from: Strong bases. Strong acids. Sources of ignition. Direct sunlight.
7.3. Specific end use(s)
Specific end use(s): None.

8. Exposure controls and personal protection

8.1. Exposure controls
Personal protection: Avoid all unnecessary exposure.
• Respiratory protection: Wear approved mask.
• Hand protection: Wear protective gloves.
• Skin protection: Wear suitable protective clothing.
• Eye protection: Chemical goggles or face shield.

• Others: When using, do not eat, drink or smoke.
8.2. Control parameters
Occupational Exposure Limits: No data available.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties
Physical state at20 °C: Solid.
Odour threshold: No data available.
pH value: Not applicable.
Melting point [°C]: 560C
Decomposition point [°C]: N/A
Critical temperature [°C]: N/A
Auto-ignition temperature [°C]: N/A
Flammability (solid, gas): N/A
Flash point [°C]:N/A
Boiling point [°C]: N/A
Initial boiling point [°C]: N/A
Final boiling point [°C]: N/A
Evaporation rate: N/A
Vapour pressure [20°C]: 30 mm Hg @ 200C
Vapour pressure mm/Hg: 30 mm Hg @ 200C
Vapour density: 9Density [g/cm3]: 2,04
Relative density, gas (air=1): N/A
Relative density, liquid (water=1): N/A
Solubility in water [% weight]: Soluble in water
Solubility in water: N/A
Log Pow octanol / water at 20°C: No data available.
Solubility: N/A
Viscosity at 40°C [mm2/s]: N/A
9.2. Other information
Explosive properties: N/A
Explosion limits-upper [%]: N/A
Explosion limits-lower [%]: N/A
Oxidising properties: No data available.

10. Stability and reactivity

10.1. Reactivity
Reactivity: Not established.
10.2. Chemical stability
Chemicalstability: Stable under recommended storage conditions.
10.3. Possibility of hazardous reactions
Hazardous reactions: Not established.
10.4. Conditions to avoid
Conditions to avoid: Direct sunlight. Extremely high or low temperatures.
10.5. Incompatiblematerials
Materials to avoid: Strong acids. Strong bases.
10.6. Hazardous decomposition products
Hazardous decomposition products: Fumes. Carbon monoxide.
Carbon dioxide.Thermal decomposition generates : Corrosive vapours.

11. Toxicological information

11.1. Information on toxicological effectsAcute toxicity
• Inhalation: Based on available data, the classification criteria are not met.
• Dermal: Based on available data, the classification criteria are not met.
• Ingestion: Based on available data,the classification criteria are not met
.Corrosion: Causes severe skin burns and eye damage.
Irritation: Based on available data, the classification criteria are not met.
Sensitization: Based on available data, the classification criteria are not met.
Mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
Toxic for reproduction: Based on available data, the classification criteria are not met.
STOT-single exposure: Based on available data, the classification criteria are not met.
STOT-repeated exposure: Based on available data, the classification criteria are not met.
Aspiration hazard: Based on available data, the classification criteria arenot met.

12. Ecological information

12.1. Toxicity
Toxicity information: Not established.
12.2. Persistence-degradability
Persistence-degradability: Biodegradable.
12.3. Bioaccumulative potential
Bioaccumulative potential: Not established.
12.4. Mobility in soil
Mobility in soil: Not established.
12.5. Results of PBT and vPvB assessment
Results of PBT and vPvB assessment: The substance does
not fulfil the criteria to beidentified as PBT substance or vPvBsubstance
according to Annex XIII of RegulationREACH.
12.6. Other adverse effects
Environmental precautions: Avoid release to the environment.

13. Disposal considerations

13.1. Waste treatment methods
General: Avoid release to the environment.
Dispose in a safe manner in accordance withlocal/national regulations.
Dispose of this material and its container to hazardous or special waste
collectionpoint, in accordance with local, regional, national and/or international regulation.

14. Transport information

14.1. Land transport (ADR-RID)
Propershipping name: STANNIC CHLORIDE PENTAHYDRATE
UN N°: 2440
H.I. nr: 80
ADR-Class: 8
Labelling-Transport: 8 : Corrosive substance.
ADR-Classification code: C2
ADR-Group: III
ADR-Packing instructions: P002 R001 LP002
ADR-Limited Quantity:5 K
GADR-Tunnel code: E : Passage forbidden through tunnels of category E.
14.2. Sea transport (IMDG) [English only]
Proper shipping name: STANNIC CHLORIDE PENTAHYDRATE
IMO-IMDG-Class or division: 8 : Corrosive substance.
IMO-IMDG-Packing group:III
IMO-IMDG-Packing instructions: P002 LP02
IMO-IMDG-Limited quantities: 5 kg
IMO-IMDG-Marine pollution: NoEMS-Nr: F-A S-B
14.3. Air transport (ICAO-IATA) [English only]
Proper shipping name: STANNIC CHLORIDE PENTAHYDRATE
UN N°: 2440
IATA-Class or division: 8 : Corrosive substance.
IATA-Packing group: III
IATA-Passenger and Cargo Aircraft: ALLOWED-
Passenger and Cargo-Packing: 860
instruction-Passenger and Cargo-Maximum: 25 kg
Quantity/PackingIATA-Cargo only: ALLOWED-
Cargo only-Packing instruction: 864-
Cargo only-Maximum Quantity/: 100 kg
PackingIATA-Limited Quantites: 5 kg
ERG-Nr: 8L

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for thesubstance or mixture
Safety, health and environmental: Ensure all national/local regulations are observed.
regulations/legislation specific for thesubstance or mixture
REACH Restrictions-Annex XVII: The components of this product are not subject torestrictions.
REACH Authorisation-Annex XIV: The components of this product are not subjectto authorization.
15.2. Chemical Safety Assessment
Chemical Safety Assessment: It has not been carried out.

16. Other information

Abbreviations and acronyms: PBT: persistent,bioaccumulative and toxic.vPvB: very persistent and very bioaccumulative
Sources of key data used: REGULATION (EC) No 1272/2008 OF THE EUROPEANPARLIAMENT AND OF THE COUNCIL
of 16 December 2008 on classification,labelling and packaging of substances andmixtures, amending and repealing Directives
67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006Further information: None.In accordance with REACH
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