

1. Product and Company Identification

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Product Name RXSOL-40-4098-035

Product Type ORG TR 50

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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According to the EC-directives this product is a preparation. Declaration of ingredients according to EC recommendation(89/542/EEC):

Description of the danger substances in the preparation:

CAS-nr	EINECS	Description	Content (%)	Symbol	R-phrases
7722-84-1	231-765-0	Hydrogen peroxide	50	O,C	8-34

3. Hazards Identification

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Hazard calculation : C, corrosive

Special hazard indication for humans and environment:

- Oxidizing product, may cause burns.
- Swallowing causes serious acute effects.
- In fire situations, it may decompose yielding oxygen.
- Can cause spontaneous combustion of combustible materials.
- In contact with organic materials like oils, fats, wood and textiles, combustion takes place under oxygen delivery; by this a fire can start.
- Risk of exothermal decomposition in contact with incompatible substances, e.g. metal ions, alkalis, reducing agents.
- In the presence of high concentrations of iron, manganese and other metal oxides, decomposition can be violent.
- Rapid decomposition accompanied by rising temperature may lead to bursting of the can.

4. First Aid Measures

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General indication:

- Take affected person out into the fresh air away from of the danger area.
- Take care of self protection.
- Remove contaminated clothes immediately.

After Inhaling: Prickling / irritates the bronchia.

- Provide fresh air supply.
- If unconscious, support and transport in stable lateral position.

After skin contact: Acute irritation, redness, pain.

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- Immediately, wash off with water and soap and rinse.
 - Clothing soiled with product should be removed immediately.

After eye contact: Acute irritation, pain.

- Rinse eye with open lid under running water for at least 10 minutes.
- Remove contact lenses if easily possible. Always consult a doctor.

After swallowing: Acute irritation, pain.

- Rinse mouth with water and allow patient to drink water.
- Provide fresh air supply.
- Do not force to vomit.
- Consult doctor immediately.

5. Fire-fighting Measures

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The product contains hydrogen peroxide, which is not combustible. But will aid burning of combustible materials.

Suitable media for extinguishing fires:

- Water, foam, dry powder, carbon dioxide. Special protective clothing:
- No special requirements.

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6. Accidental Release Measures

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Personal related safety requirements:

- Wear personal protective clothing (see Section 8) Environmental safety requirements:
- Dilute with copious amounts of water. Never allow undiluted material to enter drainage systems or soils. Procedure for cleaning / absorption:
- Absorb with sand, sawdust, diatomaceous earth or other neutralising absorbent material.
- Dilute with plenty of water and discharge into the waste water. Supplementary directions:
- Never return spilled product to original can. (Risk for decomposition, see Section 3).
- Contaminated material should be disposed of in accordance with Section 13.
- Area should be well ventilated.

7. Handling and Storage

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HANDLING:

- Instructions for safe handling:
- During use do not eat, drink or smoke.
- Avoid contact with skin, eyes and clothes.
- Avoid inhalation as much as possible.
- Consult Product Information sheet.
- Wear suitable protective clothing and eyes/face protection.

Instructions for fire and explosion prevention:

- Protect from heat.

- Do not mix with other products.
- Do not bring into contact with combustible substances.
- Never return spilled product to original can.

STORAGE:

· Store as dangerous goods.

- Requirements for storage space and container:
- Do not store in containers other than as supplied.
- Keep container tightly closed use self vent caps.
- Protect from heat and light; keep in a cool and dark place.
- Keep away from sources of ignition.
- Instruction for storage with other materials:
- Do not store with organic materials.
- Keep away from combustible substances, reducing or oxidizing agents, strong alkalis and other incompatible substances (See Section 10)

8. Exposure controls and personal protection

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General measures:

- Observe the directions for use. (See Section 7)
- Provide fresh air supply.
- Keep running water at hand.

Exposure limits:

CAS-Nr	Chemical compound	type	value	unit
7722-84-1	Hydrogen peroxide	MAC1		ppm
		MAC1,4		mg/m3

General instructions for protection and hygiene:

- Keep away from food and drinks.
- Remove product saturated clothing immediately.
- Wash hands before break and after work.
- Avoid contact with eyes and skin.

Personal protection outfit Personal equipment:

- Protective clothing (PVC, neoprene, natural rubber). Protection against inhalation:
- Take care of sufficient ventilation. In case of atomize:
- Respiratory protective equipment. Filter type NOCO.

Hand protection:

- Gloves are necessary. (PVC, neoprene, natural rubber).Consult technical specifications at selection.

Eye protection:

- Wear tight-fitting safety goggles

Acute effects:

Skin:

- Corrosive causes burns, redness. White colouring (oxygen emphysema).

Eyes:

- May cause severe conjunctivitis, cornea injury or irreversible damage to the eyes. Symptoms are sometimes delayed. Sensitivity:
- Not known.

Ingestion:

- Swallowing may lead to internal burning.
- Rapid liberation of oxygen may lead to gastric distension and bleeding. As swallowing a large quantity could cause severe damage to internal organs.

Inhalation:

- Inhalation may lead to severe irritation of the respiratory tract and may cause inflammation.

9. Physical and chemical properties

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Shape: Liquid
Colour : Colourless
Odour : Pungent
Density : 1203 kg/mg
pH : 1.3
Decomposition temperture na
:
Flash point : Not flammable
Explosive properties :
Oxidisig properties : Involves fire
Viscosity :