

1. Product and Company Identification

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Product Name **RXSOL-68-6801-005**
Product Type **Passivating Pickling Paste**

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Chemical Name	Concentration	CAS Number	EC Number	R F
Nitric acid	15-25	7697-37-2	231-714-2	8, 3
Hydrogen fluoride	2-6	7664-39-3	231-634-8	26/
Non classified ingredients	60-90	-	-	-

3. Hazards Identification

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Odour: Unpleasant odour

Appearance: Liquid, viscous, colourless, soluble in water

Contact with eyes: Corrosive to eyes

Contact with skin: Causes burns (R34), Toxic by inhalation, in contact with skin and if swallowed (R23/24/25)

Ingestion: Can cause damage to the stomach lining

4. First Aid Measures

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Contact with skin:	<ul style="list-style-type: none"> - Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water - Seek medical attention if irritation persists. Use Calcium Gluconate solution / gel for treating any external body part.
Contact with eyes:	<ul style="list-style-type: none"> - If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes - Irrigate eyes thoroughly whilst lifting eyelids - Seek immediate medical attention
Ingestion:	<ul style="list-style-type: none"> - Do not induce vomiting - Give plenty of water to drink - Use appropriate antacid - Never give anything by mouth to an unconscious person - Seek immediate medical attention
Inhalation:	<ul style="list-style-type: none"> - Inhalation is unlikely to occur - Remove patient to fresh air - Never give anything by mouth to an unconscious person - Give plenty of water to drink - Obtain immediate medical attention
General:	<ul style="list-style-type: none"> - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

5. Fire-fighting Measures

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- Non combustible passivating paste is a strong oxidizing agent. Strong oxidizer foam

CO₂, dry powder, fog spray to cool control the fire involve. Do not use water jets

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- Smoke from fires is corrosive, Nitrogen oxides may be formed
 - Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
 - Smoke from fires is corrosive. Take precautions to protect personnel from exposure

6. Accidental Release Measures

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- Personal Precautions:**
- Wear protective clothing as per section 8
- Environmental Precautions:**
- No special precautions are required for this product
 - Do not flush spilt material into any public water system
- Immediate Actions:**
- Shut off source of leak if safe to do so
 - Use appropriate containment to avoid environmental contamination (S57)
- Clean Up Actions:**
- Absorb spillage in inert material and shovel up
 - Ventilate the area and wash spill site after material pick-up is complete
- Special Precautions:**
- Wear protective clothing as per section 8
 - Do not use metal containers for spilled liquid

7. Handling and Storage

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Handling:

- Wear protective clothing as per section 8
- Avoid contact with skin and eyes (S24/25)
- Eyewash bottles should be available

Storage:

- Keep only in the original container in a cool, well ventilated place (S3/9/49)
- Opened containers should be carefully resealed and stored in an upright position

- Recommended storage temperature between 5 and 40 °C

Shelf life:

At least one year in unopened bottle correctly stored

8. Exposure controls and personal protection

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Exposure Limits:

- TLV (TWA) 5 mg/m³ (Nitric acid)
- STEL 2.5 mg/m³ (Hydrogen fluoride)

Exposure controls:

- The undiluted product must not be used in a confined space without good ventilation

Occupational exposure controls

- Where an air-purifying respirator is suitable, use EN141 or EN405, type B
- Wear face mask giving complete face protection
- Wear suitable clothing providing resistance to acids
- Wear plastic or rubber gloves

Visor

Gloves

Suit

Respirator

9. Physical and chemical properties

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Odour:

Unpleasant pungent odour

Appearance:

Liquid, viscous, colourless, soluble in water

pH