

## 1. Product and Company Identification

www.rxmarine.com

Product Name Triethanolamine 10% Solution  
Product Type RXSOL-60-6211-500

### Company Details:

RX MARINE INTERNATIONAL  
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## 2. Composition / Information on ingredients

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SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Triethanolamine 99%	CAS# 102-71-6	10%	V/V	OSHA TWA 50 ppm (270 mg/m <sup>3</sup> )
Water, Deionized ASTM Type II	CAS# 7732-18-5	90%	V/V	None Established

## 3. Hazards Identification

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May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

Emergency Overview:Warning! Harmful If Swallowed. Causes Skin Irritation And Severe Eye Irritation.

Inhalation:No Adverse Effects Expected Since Triethanolamine has a Low Vapor Pressure.

Ingestion:May Cause Burns in the Mouth, Pharynx, and Esophagus, Abdominal Pain, Nausea, Vomiting and Diarrhea.

Skin:May Cause Irritation, Redness, and Pain, Especially on Prolonged or Repeated Contact.

Eye Contact:Corrosive! Contact Causes Severe Irritation, Burns, Redness, and Pain. May Cause Irritation, Redness, Pain, and Corneal Damage.

Chronic Exposure:Repeated Ingestion has Caused Kidney and Liver Damage to Animals.

Aggravated by Exposure:No Information Found.

## 4. First Aid Measures

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May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

SKIN:	Remove contaminated clothing. Wash exposed area with soap and water. if irritation persists, seek medical attention
EYES:	Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid.
INHALATION:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen
INGESTION:	Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

## 5. Fire-fighting Measures

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Fire Extinguisher Type:

Fire Extinguisher Remarks:

Fire Fighting Procedure:

Carbon Dioxide, dry chemical powder or appropriate foam  
 Thermal decomposition produces highly toxic fumes. Do not direct water into burning pools.  
 Wear self-contained breathing apparatus and protective clothing to protect skin and clothing. Dike and collect water used to fight fire.

## 6. Accidental Release Measures

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Wear Protective equipment. Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.

Ventilate Area of Leak or Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Contain and Recover Liquid when Possible. Collect Liquid in an Appropriate Container or Absorb with an Inert Material (e.g., Vermiculite, Dry Sand, Earth), and Place in a Chemical Waste Container. Do Not Use Combustible Materials, such as Saw Dust. Do Not Flush To Sewer!

7. Handling and Storage

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Wash thoroughly after handling. Remove contaminated clothes and wash before reuse. Use with adequate ventilation. Store in a cool dry well ventilated area. Keep out of direct sunlight and away from heat, water and incompatible materials.

## 8. Exposure controls and personal protection

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Respiratory Protection	None required
Ventilation	Local
OTHER	Mechanical
Protective Gloves	PVC coated, Butyl, or other suitable gloves.
EYE PROTECTION	Goggles and Face Shield
Other Protective Equipment	Wear appropriate clothing to prevent skin exposure

## 9. Physical and chemical properties

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BOILING POINT		635° F (335°C)
VAPOR PRESSURE	5.1	
MELTING POINT	information not available	
VAPOR DENSITY		