# Material Safety Data Sheet

**M.DET-300** (RXSOL-16-1029-025)

## 1. Product and Company Identifaction

| | | |
|---|---|---|
| Product Name | : | **RXSOL-16-1029-025** |
| Product Type | : | M.DET-300 |

**Company Details:**

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

| | | |
|---|---|---|
| Phone | : | +91 22 65113333 / 5555 / 9999 / 27611360 |
| Fax | : | +91 22 2781 1318 :::AOH :0091 9821214367 |
| Email | : | mail@rxmarine.com |


## 2. Composition / informationon ingredients

| Name | Cas# | WT.% | TLV. |
|---|---|---|---|

Soap Mixturesolution. Cleaner with a proprietary composition NOT CONSIDERED HAZARDOUS under the OSHA Hazard Communication Standard CFR Title 29 1910 1200

*See Section 16

## 3. Hazards Identification

| | |
|---|---|
| Hazardous Polymerization | Hazardous polymerization will not occur. |

## 4. First Aid Measures

| | |
|---|---|
| **Routes of Entry** | Product may enter the body via eye contact, skin contact and ingestion. See Section 8 |
| **Potential Health Effects** | |
| **Eye** | Eye contact may cause irritation. Avoid eye contact with product. |
| **Skin** | Skin contact may cause irritation. In case of skin irritation, wash with soap and water and discontinue use. |
| **Ingestion** | Swallowing may cause irritation of mouth and throat. It may also cause nausea. Do not taste or swallow product. |

**FIRST AID MEASURES**

| | |
|---|---|
| **Eye Contact** | If irritation is noted, IMMEDIATELY flush eyes with a directed stream of water for at least 15 minutes while forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. GE IMMEDIATE MEDICAL ATTENTION IF IRRITATION OCCURS. |
| **Skin Contact** | Flush skin with water and wash with soap and water. If clothing is penetrated, immediately remove clothing and flush skin with water. Wash clothes before resuse. GET PROMPT MEDICAL ATTENTION IF IRRITATION OCCURS. |
| **Ingestion** | Do not induce vomiting. If spontaneous vomiting is inevitable, PREVENT ASPIRATION by keeping victim's head below the knees. GET IMMEDIATE MEDICAL ATTENTION |
| **Inhalation** | Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, have trained person administer mouth-to-mouth resuscitation. GET MEDICAL ATTENTION IMMEDIATELY. |

## 5. Fire-fighting Measures

| | |
|---|---|
| Flammable Properties | Non Flammable |
| Flash point | N/A |
| Flammable Limits | Does Not Apply |
| Hazardous Combustion | None known. |
| Extinguishing Media | Water fog or fine spray, carbon dioxide, dry chemical, foam. |
| Fire Fighting Instructions | N/A |

## 6. Accidental Release Measures

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|---|---|
| Large Spill | Contain spill. Prevent Runoff from entering drains, sewers or streams. Dispose in accordance with all applicable federal, state and local health environmental guidelines. |
| Spill | Contain spill. Follow same procedures as above for large spill. |

## 7. Handling and Storage

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|---|---|
| **Storage Temperature** | Store this product below 120º F. (40º C.), preferably below 75º F. (24º C), in a cool, dry, well venailated area away from heat, sparks, flames, oxiders and out of direct sunlight. For best results use within 12 months. Never co-mingle with bactercides or quatemary disinfectants, as they will degrade/inactivate enzymes. |
| **General Precautions** | Keep container closed when handling or storage. |

## 8. Exposure controls and personal protection

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|---|---|
| Personal Protection | |
| Gloves | Wear Gloves if sensitive |
| Safety Glasses | Keep out of eyes. Use safety glasses |

## 9. Physical and chemical properties

| | |
|---|---|
| Vapor Pressure | Not Required - Water Based product |
| Vapor Density (air = 1): | N/A |
| Solubility in Water | Soluble |
| Volatile Organic | Negligible |
| Appearance | |
| pH | Normal |
| Boiling Point | 208º - 210º F. |
| Flash Point: | N/A |
| Freezing Point | 32º F. (0º C.) |
| Odor | Pleasant Fragrance |

## 10. Stability and reactivity

| | |
|---|---|
| Materials to Avoid | Avoid contact with strong oxidizing and reducing agents. |
| Conditions to Avoid | See Section 7. |
| Hazardous Decomposition | Not known. See Section 5. |

## 11. Toxicological information

| | |
|---|---|
| Toxicological information | The ingestion of significant quantities may cause burning sensation.Can cause damage to the digestive system. |
| Inhalation | Not regarded as a potential route of exposure. Can cause damage to the respiratory system. |
| Contact with skin | Causes severe burns (R35) |

| | |
|---|---|
| Contact with eyes | Causes severe burns (R35) |
| Ingestion | The ingestion of significant quantities may cause damage to digestive system. |
| Carcinogenicity | No evidence of carcinogenic effects. |

## 12. Ecological information

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|---|---|
| Ecotoxicity | May cause acute effects in the aquatic environment. |
| Mobility | Completely soluble in water. |
| Persistence and Biodegradability | Degrades by hydrolysis |
| Bioaccumulation Potential | Bioaccumulation is insignificant |
| Other Adverse Effects | No environmental problems are expected when the product is used / handled correctly. In its intended use, the product will not be released into the environment. |

## 13. Disposal considerations

| | |
|---|---|
| Classification | This material and/or its container must be disposed of as hazardous waste.EU Waste class: 06 02 02 |
| Disposal considerations | Do not discharge into drains or the environment, dispose to an authorised waste collection point.Disposal should be in accordance with local, state or national legislation |

## 14. Transport information

Proper Shipping Name:

UN

| | | | |
|---|---|---|---|
| Proper Shipping Name | Sodium hydroxide. solution | | |
| UN NO. | 1824 | | |
| Hazard Class | 8 | Packing Group | II |

Road/Rail (ADR/RID)

| | | | |
|---|---|---|---|
| Proper Shipping Name | Sodium hydroxide. solution | | |
| ADR UN No. | 1824 | | |
| ADR Hazard Class | 8 | Termcard | 80S1824 |

Sear (IMDG)

| | | | |
|---|---|---|---|
| Proper Shipping Name | Sodium hydroxide. solution | | |
| IMDG UN No. | 1824 | | |
| IMDG Hazard Class | 8 | IMDG Pack Group | II |
| IMDG EmS | F-A, S-B | IMDG subrisk | NA |

Air(ICAO/IATA)

| | |
|---|---|
| ProperShippingName: | Sodiumhydroxide, solution |
| ICAO UnNo.: | 1824 |

| | | | |
|---|---|---|---|
| ICAO HazardClass.: | 8 | ICAO PackingGroup.: | II |
| ICAO subrisk: | N/A | ICAO Labels | 8, CAO |
| ICAO Flashpoint: | N/A | | |

DOT/CFR(USDepartment ofTransportation

| | | | |
|---|---|---|---|
| DOTProperShippingName: | Sodium hydroxide, solution | | |
| HazardousMaterial | Sodium hydroxide | | |
| Hazard Class: | 8 | IdentificationNumber: | UN1824 |
| Product RQ (lbs): | 3640 | DOTsubrisk: | N/A |
| DOTLabels: | 8 | DOTFlashpoint: | N/A |

## 15. Regulatory information

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|---|---|
| Risk Phrases | Causes severe burns (R35) |
| Safety Phrases | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26).Wear suitable protective clothing, eye/face protection (S36/39).In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45) |

## 16. Other information

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