# Material Safety Data Sheet

**Metal Cleaner 401** (RXSOL-34-1011-025)

## 1. Product and Company Identifaction

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|---|---|
| Product Name | Metal Cleaner 401 |
| Part Number | RXSOL-34-1011-025 |

**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

| Component | CAS No. | EC No. | Weight % |
|---|---|---|---|
| Phosphoric acid | 7664-38-2 | 231-633-2 | 10-30 |
| 2-(2- butoksyethoxy)ethanol | 112-34-5 | 603-096-00-8 | 1-5 |
| Proprietory Blend of Surfactants | - | - | > 70 |

## 3. Hazards Identification

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| Signal word: | Danger. |
| Hazard statement(s): | H290 May be corrosive to metals.<br>H314 Causes severe skin burns and eye damage. |
| Precautionary statement(s) General: | P101 If medical advice is needed, have product container or label at hand.<br>P102 Keep out of reach of children.<br>P103 Read carefully and follow all instructions |
| Precautionary statement(s) Response: | P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.<br>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310 Immediately call a POISON CENTER/doctor/physician/first aider.<br>P363 Wash contaminated clothing before reuse.<br>P390 Absorb spillage to prevent material damage.<br>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. |

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| Precautionary statement(s) Prevention: | P260 Do not breathe mist/vapours/spray.<br>P264 Wash all exposed external body areas thoroughly after handling.<br>P280 Wear protective gloves, protective clothing, eye protection and face protection.<br>P234 Keep only in original packaging. |

## 4. First Aid Measures

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| Inhalation: | After inhalation medical attention require. |
| Skin Contact : | In case of contact with skin , wash immediately with plenty of water and soap Remove contaminated clothes. |
| Eye Contact: | Flush with running water for at least 15 minutes Immediately medical attention require. |
| Ingestion: | Seek medical attention , try to drink more plenty of fresh water. |

## 5. Fire-fighting Measures

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| Suitable: | Not known , on direct exposure to heat dangrous emission of gas of COx SOx can be released. |
| Unsuitable: | Not applicable. |
| Protection of fire Fighter: | Not applicable. |
| Precaution for fire-fighters: | Wear protective equipment with breathing apparatus. |

## 6. Accidental Release Measures

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| Enviroment Precaution: | Direct flow into drainage system, surface or ground water is prohibited. First of all neutralize with alkaline materials like lime powder for pH balancing between 6-10. |
| Cleaning Method: | Flush Spill Area with Water and avoid contact with skin and eye. |

## 7. Handling and Storage

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| Condition to Avoid: | Non flammable but avoid direct heating. |
| Materials to Avoid: | Do not subject to ALKALINE medium. |
| Handling: | Keep Container Tightly Closed. |
| NOTE: | Eyewash facilities require at workplace. |

## 8. Exposure controls and personal protection

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| Respiratory System Protection: | Approved respirator must be worn when spraying . |
| Eye Protection: | Strictly wear eye protection. |
| Hand protection: | wear PVC chemical resistance protective gloves. |

## 9. Physical and chemical properties

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| Appearance: | Liquid. |
| Odour: | Not Available. |
| Melting point / freezing point (°C): | 0-76. |
| Initial boiling point and boiling range (°C): | >100-760. |
| Density: | g/cm3 at 15°C: 1.20. |
| pH Value: | 1.5 - 2.5. |
| Flash Point: | Not applicable. |
| Relative density (Water =1:) | 1.150 -1.180. |
| Metal: | Concentrate and long touch may corrode. |
| Rubber: | No known effect. |

## 10. Stability and reactivity

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| Hazardous Decomposition Products: | Do not occur if stored and used as directed. In FIRE combustion CO, CO2 , NH3 , SOX etc hazardous gas produced. |
| NOTE: | Avoid Contact With Alkaline Subjects. |

## 11. Toxicological information

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| Skin Irritation: | Cause severe irritation. |
| Eye Irritate: | Cause severe irritation. |
| Sensitization: | Cause Sensitizing. |
| Chronic Toxicity: | Not Identified. |

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| Carcinogencity: | No. |

## 12. Ecological information

RXSOL MB 1011 is degradable , and due to highly acidic in nature must be neutralized as per guidance and ingridents used in it.

Direct contact is Harmful to aquatic organism.

## 13. Disposal considerations

As per guide line of local rules and regulation and before disposal and neutralization pl. refer 07 article.

## 14. Transport information

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| Transport over land ADR/RID: | Not Classified. |
| Transport over inland waterways ADN/ADNR: | Not Classified. |
| Transport over sea IMDG: | Not Classified. |

## 15. Regulatory information

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| Symbols of danger: | C Corrosive. |
| Ingredients: | Mixture. |
| R-phrases: | R34 : Cause burns. |
| S-phrases: | S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.<br>S45 : In case of accident or if you feel unwell, seek medical advice immediately. |
| National prescriptions: | |
| Water hazard class (WGK): | 2 (self classification on the basis of component assessments or analogy conclusions without addition/subtraction of points for good/poor biodegradability etc.) |

## 16. Other information

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.