# Material Safety Data Sheet

**Lube Oil Filter Cleaner** (RXSOL-16-1046-025)

## 1. Product and Company Identifaction

| | |
|---|---|
| Product Name | **RXSOL-16-1046-020** |
| Product Type | Disc Separator Cleaner HD |

**Company Details:**

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

Stock Point : Mumbai, Kandla, Surat, Kolkata, Chennai, Vizag, Fujairah, Muscat

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


## 2. Composition / informationon ingredients

| Chemical Name | Concentration | CAS Number | EC Number | R Phrases* | Symbols |
|---|---|---|---|---|---|
| Phosphoric acid | 10-30 | 7664-38-2 | 231-633-2 | 34 | C |
| 2-2(butoxyethoxy)ethanol | 1-5 | 112-34-5 | 203-961-6 | 36 | Xi |
| Proprietory Non classified ingredients | 60-70 | --- | --- | --- | --- |

## 3. Hazards Identification

| | |
|---|---|
| Odour | Odourless |
| Appearance | Liquid, pale yellow, soluble in water |
| Contact with eyes | Can cause damage to the eyes |
| Contact with skin | Causes burns (R34) |
| Inhalation | Vapours or aerosols may cause irritation of eyes, nose and respiratory tract, Can cause damage to the lungs |
| Ingestion | The ingestion of significant quantities may cause damage to digestive system |

## 4. First Aid Measures

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| Contact with skin | Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water - Seek medical attention if irritation persists |
| Contact with eyes | 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 | Do not induce vomiting - Give plenty of water to drink. |

## 5. Fire-fighting Measures

Non combustible - Smoke from fires is corrosive, Decomposition products may include phosphorous compounds -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 |
| Immediate Actions | Shut off source of leak if safe to do so - Use appropriate containment to avoid environmental contamination (S57) |
| Special Precautions | Wear protective clothing as per section 8 |
| Clean Up Actions | Absorb spillage in inert material and shovel up - Ventilate the area and wash spill site after material pick-up is complete |

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) |

## 8. Exposure controls and personal protection

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| Exposure Limits | OES / LTEL 0.2 ppm  1 mg/m (Posphoric acid) |
| Exposure controls | No special ventilation is required unless the product is used in a spray form |
| Occupational exposure controls | Wear face mask giving complete face protection No respiratory protection is required unless subject to contact with substance mist Wear plastic or rubber gloves Wear suitable clothing providing resistance to acids |

## 9. Physical and chemical properties

| | |
|---|---|
| Odour | Odourless |
| Appearance | Liquid, pale yellow, soluble in water |
| pH | 1.5 - 2.5 at 1 % concentration |
| Boiling point | >100 °C at 760 mm /Hg |
| Vapour pressure | Not known |
| Vapour density | Not known |
| Freezing point | 0 °C at 760 mm/Hg |
| Completely | soluble in water |
| Specific gravity (water=1) | 1.15 - 1.17 |
| Non | combustible |

## 10. Stability and reactivity

No hazardous reactions known if used for its intended purpose. Avoid overheating, Avoid contact with alkalis (strong bases). Contact with alkali metals liberates flammable gas, Incompatible with amines, Incompatible with alkalis (strong bases)

## 11. Toxicological information

| | |
|---|---|
| Toxicological information | No experimental data availabl |
| Inhalation | Can cause damage to the respiratory system |
| Contact with skin | Causes burns (R34) Causes burns (R34) |
| Ingestion | The ingestion of significant quantities may cause damage to mucous membranes |
| Carcinogenicity | No evidence of carcinogenic effects |

## 12. Ecological information

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|---|---|
| Ecotoxicity | May cause acute effects in the aquatic environment This product does not contain ingredients which are classified in the EU as dangerous for the environment. |
| Mobility | Completely soluble in water |
| Persistence and Biodegradability | Its main ingredients will either dissolve rapidly and dissociate in water or are readily / i nherently biodegradable. |

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| Bioaccumulation Potential | Bioaccumulation of the components in this product is insignificant. |
| Other Adverse Effects | No environmental problems are expected when the product is used / handled correctly.<br>In its intended use, the product will not be released into the environment. Presents little or no hazard to the aquatic environm |

## 13. Disposal considerations

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|---|---|
| Classification | EU Waste class: 06.01 This material and/or its container must be disposed of as hazardous waste |
| 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: | Phosphoricacid | | |
| UN NO. | 1805 | | |
| Hazard Class | 8 | PackingGroup | II |
| Proper Shipping Name | Phosphoricacid | | |
| ADR UN No. | 1805 | | |
| ADRHazardClass | 8 | Tremcard | 80S1805 |
| Proper Shipping Name | Phosphoricacid | | |
| IMDG UN No. | 1805 | | |
| IMDG Hazard Class | 8 | IMDG PackGroup.: | III |
| IMDG EmS | F-A, S-B | IMDG subrisk | - |
| IMDG Labels | 8 | IMDG Flashpoint: | N/A |
| ProperShippingName | Phosphoricacid | | |
| ICAO UnNo | 1805 | | |
| ICAO HazardClass. | 8 | ICAO PackingGroup | III |
| ICAO subrisk | - | ICAO Labels | 8, CAO |
| ICAO Flashpoint | N/A | | |

| | | | |
|---|---|---|---|
| DOTProperShippingName | Phosphoricacid | | |
| HazardousMaterial | Phosphoricacid | | |
| HazardClass | 8 | Identification Number | |
| Product RQ (lbs): | N/E | DOT subrisk | - |
| DOT Labels | 8 | DOT Flashpoint | N/A |

## 15. Regulatory information

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| Risk Phrases | Causes burns (R34) |
| Safety Phrases | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, eye/face protection and gloves. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible.) |

## 16. Other information

Text of R and S phrase codes used in this safety data sheet:-
R34: Causes burns;
R36: Irritating to eyes.
The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents.The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product .in terms of safety requirements and does not signify any warranty with regard to the product's properties The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other.

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