# Material Safety Data Sheet

**Degreaser Solvent Cleaner** (RXSOL-10-1661-210)

## 1. Product and Company Identifaction

| | |
|---|---|
| Product Name | RXSOL-10-1661-210 |
| Product Type | **Degreaser Solvent CLeaner LINK** http://rxmarine.com/Solvent-Degreaser-Cleaner |

**Company Details:**

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Visakhapatnam, Fujairah, Muscat, Nairobi

| | |
|---|---|
| Phone | +91 22 27815540 / 41 / 42 |
| Fax | +91 22 2781 1318 :::AOH :0091 9821214367 |
| Email | mail@rxmarine.com |

## 2. Composition / informationon ingredients

| Chemical Name | CAS Number | Percent Range |
|---|---|---|
| Orange Terpene | 68647-72-3 | 21% |
| Ethoxylated Alcohol | 68439-46-3 | 5% |
| Tetrapotassium Pyrophosphate | 7320-34-5 | 5% |
| Butoxyethanol | 111-76-22 | 5% |
| Sodium Citrate | 68-04-2 | 5% |
| Aliphatic Petroleum Distillate | 64742-47-8 | 27% |
| Ethyl Lactate | 97-64-3 | 7% |
| Proprietory Blend | ---------- | 28% |

## 3. Hazards Identification

**EYE Contact :::** Gives Irritation

Skin Contact::: Under typical condition No adverse effects, Dryness can caused on prolonged exposure.
Ingestion ::: May cause stomach or intestinal irritation if swallowed.

R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R 36/38 Irritating to eyes and skin.

## 4. First Aid Measures

| | |
|---|---|
| Contact with Eyes | Immediately flush eyes with plenty of water for at least 15 minutes. Occasionally lifting upper and lower lids. Get medical attention at once. |
| Contact with skin | Rinse the skin for at least 15 minutes and remove contaminated cloths. |
| Ingestion | If this product is swallowed, do not induce vomiting. If victim is conscious give plenty of water to drink. Get medical attention at once. |

| | |
|---|---|
| Inhalation | Move exposed person to fresh air. If irritation persists. Get medical attention promptly. |

## 5. Fire-fighting Measures

| | |
|---|---|
| Flammable | The water soluble nature limit the combustibility of the product |
| Condition | Extreme heating and fire |
| Extinction | Chemical foam, carbon dioxide, water |
| Flash Point (open cup) | 50°C |
| Autoinflammation temperature | N/D |
| Dangerous product made by combustion | Carbon dioxide (CO2), Chemical Foam |

## 6. Accidental Release Measures

| | |
|---|---|
| Eyes Protection | Safety Glass |
| Respiratory Protection | In normal condition, could be use this product without mask. |
| Skin Protection | Rubber glove, boots, long clothing |
| Measures if a leaks and spills | Take off the leaks and put in a identify drums.<br>Rinse the floor with water |
| Elimination | Conform with federal and provincial laws Put in a closed material. |

## 7. Handling and Storage

**Handling:**
Information for safe handling: Ensure good ventilation/exhaustion at the workplace.
Information about fire - and explosion protection: No special measures required.
**Storage:**
Requirements to be met by storerooms and receptacles: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: Keep container tightly sealed.

## 8. Exposure controls and personal protection

**Additional information about design of technical facilities: No further data; see item 7.**

***Ingredients with limit values that require monitoring at the workplace:***

| | |
|---|---|
| PEL (USA) | 240 mg/m³, 50 ppm<br>Skin<br>24 mg/m³, 5 ppm<br>Skin |
| REL (USA) | 97 mg/m³, 20 ppm<br>Short-term value: 246 mg/m³, 50 ppm<br>Long-term value: 98 mg/m³, 20 ppm<br>Skin |
| TLV (USA)<br>WEL (Great Britain) | Short-term value: 50 ppm<br>Long-term value: 25 ppm |

**Additional information:** The lists valid during the making were used as basis.
**Personal protective equipment:**
**General protective and hygienic measures:** Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

**Respiratory protection:** In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
**Protection of hands:** Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
**Material of gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Penetration time of glove material**: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
**Eye protection:** Tightly sealed goggles

## 9. Physical and chemical properties

| | |
|---|---|
| Physical State | Transparent yellow clear liquid |
| Odor | Characteristic |
| Specific Density (20°C) | 0.86 - 0.9 g/cc |
| Water solubility | Emulsion |
| Boiling Point | >> N/D |
| Freeze Point | Lower 0°C |
| Vapor Pressure | 1.99 mmHg |
| Vapor Density (Air = 1) | N/D |
| Evaporation rate | lower to 1 @ 20°C |
| Repair coefficient | N/D |

## 10. Stability and reactivity

| | |
|---|---|
| Chemical stability | Stable |
| Incompatibility with other products | Oxidant matter, Iodine pentafluoride with tetrafluoroethylene |
| Polymerization | None |
| Decomposition product | Carbon dioxide |

## 11. Toxicological information

| | |
|---|---|
| Effects of the chronic exposure to the product | N/D |
| Inhalation | The vapors can be very irritating when the product is heated. |
| Eyes | Irritation under direct contact burns, feeling of blindness. |
| Skin | Irritating for the skin. |
| Ingestion | Irritation of the internal mucous membranes can cause nauseas, vomiting. |
| Cancerogenicity | None |
| Toxic effects on reproduction | None |
| Teratogenicity | None |
| Mutagenicity | None |
| Name of the products toxicologiquement synergistic | None |

## 12. Ecological information

**100 % Biodegradable,** No adverse effects known or suspected. Not listed toxic

## 13. Disposal considerations

Take up with sand or other non-combustible absorbent material and place into container for disposal. Flush entire area with water.
Dispose after dilution with water. Recommendation Must not be disposed directly and together with household garbage.

**Uncleaned packaging:**
Recommendation: Disposal must be after dilution with water.
Recommended cleansing agents: Water, if necessary together with cleansing agents.

## 14. Transport information

IATA - Non Regulated, Hazardous Substances : Non, Dot Clasification : Combustible Liquid

## 15. Regulatory information

**Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
• Risk phrases: 20/21/22 Harmful by inhalation, in contact with skin and if swallowed. 36/38 Irritating to eyes and skin.
• Safety phrases: 2 Keep out of the reach of children. 36/37 Wear suitable protective clothing and gloves. 46 If swallowed, seek medical advice immediately and show this container or label.

## 16. Other information

This information is based on our present knowledge.However, this shall not constitute a guarantee for anys pecific product features and shall not establish a legally valid contractual relationship.

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.