Material Safety Data Sheet

Low Aromatic Solvent (RXSOL-18-2105-210)

1. Product and Company Identifaction

Product Name	RXSOL-18-2105-210
Product Type	Low Aromatic Solvent

Company Details:

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

Stock Points: Mumbai, Kandla, Kolkata, Vishakhapatnam, Chennai, Fujairah, Muscat Oman, Kenya Africa, Canada

Phone	+91 22 27815541 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com
Website	www.rxmarine.com

2. Composition / informationon ingredients

Chemical Name	CAS #
Low aromatic petroleum solvent	8052-41-3

3. Hazards Identification

Swallowed	May cause symptoms of stomach pain, nausea and vomiting. Ingestion of large does may cause unconsciousness. If vomiting occurs after ingestion, small droplets of the liquid may enter the lungs (aspiration) with the risk of chemical pneumonia being induced.
Eye	Liquid may cause moderate to sever eye irritation, vapour is irritating.
Skin	Contact with the product may cause defatting and contribute to dermatitis.
Inhaled	Inhalation may cause headache, nausea and dizziness. Higher concentrations may cause unconsciousness and coma. Death may result from severe and continued over-exposure.
Chronic Effects	Inhalation and ingestion are the routes of entry into the body. The product defats the skin and prolonged or repeated contact may contribute to dermatitis.
Risk Phrase	R65 - Harmful: May cause lung damage if swallowed.

4. First Aid Measures

Skin	Remove contaminated clothing and wash thoroughly with soap and water. Use water alone, if soap is unavailable. Apply a moisturising hand cream, if available. Seek medical attention if any soreness or inflammation of the skin persists or develops later. Launder affected clothing before re-use.
Inhalation	Remove to fresh air. Keep warm and at rest. If breathing is laboured, hold in a half upright position (this assists respiration). Apply artificial respiration if breathing has stopped. Seek URGENT medical attention for all but the most minor cases of over exposure.
Safety Phrase	S2 - Keep out of reach of children S23 -Do not breathe vapour S24 -Avoid contact with skin S62 -If swallowed, do not induce vomiting: seek medical advice immediately and show container or label to medical staff.

5. Fire-fighting Measures

FLAMMABLE	Solvent vapours can form explosive mixtures with air in poorly ventilated conditions. Containers may explode if heated. Vapour is heavier than air and may travel along the ground, distant ignition is possible. Wear self contained breathing apparatus. If possible remove containers from the vicinity of the fire. Otherwise keep containers as cool as possible by spraying with water, from a protected position.
Extinguishing Media	Foam, powder (bicarbonate or ammonium phosphate based) or carbon dioxide. Water is not effective for fire fighting and direct contact with water should be avoided.

6. Accidental Release Measures

Care for environmental protection
Do not allow product to enter drains or waterways where ground or surface water may be affected.

7. Handling and Storage

Storage / Transport: Class 3 Flammable Liquids should not be transported or stored with goods of:
Class 1 (Explosives)
Class 2.1 (Flammable gases, where both flammable liquid and flammable gases are in bulk)
Class 2.3 (Poisonous gases)
Class 4.2 (Spontaneously combustible substances)
Class 5.1 (Oxidising agents)
Class 6 (Poisonous (toxic) substances, where the flammable liquid is nitromethane)
Class 7 (Radioactive substances)
Store is a flammable liquids area, designated no smoking , away from all sources of ignition, out of direct sunlight in a cool well ventilated area below 250C. Higher temperatures may cause pressure build up inside containers. Protect containers against physical damage. Ventilation along the floor is advised

8. Exposure controls and personal protection

Personal Protection	Safety goggles, overalls and PVC gloves. A respirator with organic vapour filter will be required unless the work area is well ventilated. In confined or poorly ventilated areas use air supplied breathing apparatus. NB: TAKE THE LIMITS OF ABSORPTION CAPACITY INTO ACCOUNT. CHANGE FILTERS REGULARLY.
Flammability	FLAMMABLE. Solvent vapours can form flammable mixtures with air. May evolve toxic fumes if heated or burned. The product may react with strong oxidising agents such as liquid or powdered chlorine. Not smoking

9. Physical and chemical properties

Appearance / Odour	Water white liquid with a slight kerosene odour
Boiling Point	1470C - 1960C
Vapour Pressure	6mmHg
Specific Gravity	0.79
Flash Point	370C
Explosive Limit (%)	L.E.L. 0.9% U.E.L. 7.0%
Solubility in Water	Negligible (0.1%mass)
Other Properties	pH: Not Aplicable

10. Stability and reactivity

Condition to Avoid	Heat, Flame & Other Sources of Ignition.
Materials to Avoid	Do not subject to Reducing /Oxidizing Agents.
Hazardous Decomposition Products	Do not occur

NOTE : No decomposition if used according to specifications.

11. Toxicological information

Skin Irritation	irritant wash with soap water
Eye Irritat	Moderate irritant , flush with copious amounts of water

Sensitization Not Sensitizing .

12. Ecological information

Comment Not applicable
Ecotoxicity Not applicable , Readily biodegradable
Water hazard class 2 (self-assessment): hazardous for water.
Do not allow product to reach ground water, water bodies or sewage system.
Danger to drinking water if even small quantities leak into soil.

13. Disposal considerations

This material must be disposed with local national regulations.
Product Recommendation
Must be not dispose of together with household garbas.
Can be burnt under adherence to the necessary technical regulations.
Disposal must be made according to official regulations.
Can be reused or recycled after cleaning .

14. Transport information

LAND TRANSPORT
9, Miscellionus Dangrous, substance and article

15. Regulatory information

•Hazard designation of product: Xi Irritant.
•Irritating to eyes and skin.
•Safety phrases
2 - Keep out reach of children If swallowed, seek medical attention immediately
22 - Harmful if swallowed
26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.
23 - Do not Breathe
27 - After contact with skin, wash immediately with plenty of water and soap and rinse thoroughly.
41 - Risk of serious damage to eyes
•National regulations

16. Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
•Department issuing data specification sheet Environment protection department.

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