

1. Product and Company Identification

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Product Name **Mix Solvent**
Product Type **RXSOL-18-1802-210**

Company Details:

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

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2. Composition / Information on ingredients

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Name	EC No.	CAS-No.	Content	Classification (67/548)
BUTANOL-norm	200-751-6	71-36-3	10-15%	R10 Xn;R Xi;R37/38
METHANOL	200-659-6	67-56-1	3-6%	R11 T;R2 9/23/24/25
Aromatic Mixture	918-668-5	64742-95-6	80-87 %	R10, Xn 22

3. Hazards Identification

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Highly flammable. Risk of serious damage to eyes. Toxic by inhalation, in contact with skin and if swallowed. Irritating to respiratory system and skin. Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

CLASSIFICATION (1999/45) T;R23/24/25, R39/23/24/25. Xi;R41, R37/38. F;R11.

4. First Aid Measures

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INHALATION

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air.

INGESTION

Get immediate medical attention.

Do not induce vomiting. Immediately rinse mouth and drink plenty of water. Get medical attention immediately!

SKIN CONTACT

Immediately remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention immediately.

EYE CONTACT

May cause permanent damage if eye is not immediately irrigated. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

5. Fire-fighting Measures

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EXTINGUISHING MEDIA

Water spray, dry powder or vaporising liquids

UNUSUAL FIRE & EXPLOSION HAZARDS **HIGHLY FLAMMABLE!** Vapours are heavier than air and may spread near ground to sources of ignition. Forms explosive mixtures with air.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental Release Measures

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PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

SPILL CLEAN UP METHODS

Remove sources of ignition. Small Spillages: Absorb with inert, non-combustible material. Large Spillages: Dam and absorb spillages with sand, earth or other non-combustible material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Wash spillage site well with water and detergent, be aware of the potential for surfaces to become slippery. Ventilate well.

7. Handling and Storage

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USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Static electricity and formation of sparks must be prevented. Eliminate all sources of ignition.

STORAGE PRECAUTIONS

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry and cool place.

STORAGE CLASS

Flammable liquid storage.

8. Exposure controls and personal protection

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Name	Std	TWA - 8 hrs		STEL - 15 min	
BUTANOL-norm	WEL			50 ppm(Sk)	154 ppm(Sk)
METHANOL	WEL	200 ppm(Sk)	266 mg/m ³ (Sk)	250 ppm(Sk)	333 ppm(Sk)

WEL = Workplace Exposure Limit.

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit (WEL) is not exceeded. Explosion-proof general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator.

HAND PROTECTION

Use protective gloves. Butyl rubber. Viton rubber (fluor rubber). Polyethylene/Ethylene Vinyl Alcohol (PE/EVAL).

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination. Provide eyewash station.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes wet or contaminated. When using do not eat, drink or smoke.

9. Physical and chemical properties

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APPEARANCE	Liquid
COLOUR	Colourless
ODOUR	Characteristic
SOLUBILITY	Soluble in solvent.
FLASH POINT (°C)	Not known.

10. Stability and reactivity

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STABILITY	Stable under normal temperature
CONDITIONS TO AVOID	Avoid heat, flames and other sources of ignition
MATERIALS TO AVOID	Alkali metals. Alkali earth metal compounds and organic peroxide substances.

11. Toxicological information

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TOXICOLOGICAL INFORMATION	LDLo 143 mg/kg (Oral, human) (Methanol)
INHALATION	Toxic by inhalation.
INGESTION	Toxic if swallowed.
SKIN CONTACT	May be absorbed through the skin. Product has a defatting effect on skin.
EYE CONTACT	Risk of serious damage to eyes.
HEALTH WARNINGS	Absorption of large quantities may cause irreversible damage to the optic nerve (due to methanol), nausea, headache, vomiting, inebriation and blindness.

12. Ecological information

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ECOTOXICITY

Although not classified as environmentally hazardous, harmful effects cannot be excluded in the event of improper handling or disposal.

13. Disposal considerations

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DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. Transport information

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UK ROAD	CLASS 3
PROPER SHIPPING NAME	ALCOHOLS, FLAMMABLE, T METHANOL)
UN NO. ROAD	1986
ADR CLASS NO.	3
ADR PACK GROUP	II
ADR LABEL NO.	3 & 6.1
CEFIC TEC(R) NO.	30GFT1-II
RID PACK GROUP	II
IMDG CLASS	3
IMDG PACK GR.	II
MFAG	See Guide
UN NO. AIR	1986
AIR SUB CLASS	6.1
UK ROAD PACK GR.	II
ADR CLASS	Class 3: Flammable liquids.
HAZARD No. (ADR)	336
HAZCHEM CODE	3WE
RID CLASS NO.	3
UN NO. SEA	1986
IMDG PAGE NO.	3 & 6.1
EMS	F-E, S-D
MARINE POLLUTANT	No.
AIR CLASS	3
AIR PACK GR.	II

15. Regulatory information

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LABELLING	Toxic Highly Flammable
CONTAINS	BUTANOL-norm METHANOL
RISK PHRASES	R41 R23/24/25

	R37/38
	R39/23/24/25
	R11
SAFETY PHRASES	S16
	S26
	S36/37/39
	S45
	S60
UK REGULATORY REFERENCES	Highly Flammable Liquid Regulations 1971.
STATUTORY INSTRUMENTS	Chemicals (Hazard Information and Control of Substances Hazardous to Health) Regulations 2002.
APPROVED CODE OF PRACTICE	Classification and Labelling of Substances Dangerous for Supply. COSHH Regulations 2002.
GUIDANCE NOTES	Control of Substances Hazardous to Health Regulations 2002.
	Workplace Exposure Limits European Union Directive 90/269/EEC.
NATIONAL REGULATIONS	Ventilation HS(G)37.
	Control of Substances Hazardous to Health Regulations 2002 (amended)

16. Other information

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