Material Safety Data Sheet

Hydraulic & BOP Control Fluid Concentrates (RXSOL-16-3764-210)

1. Product and Company Identifaction

Product Name	RXSOL-16-3764-210
Product Type	Hydraulic & BOP Control Fluid Concentrates

Company Details:

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

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2. Composition / informationon ingredients

Chemica Name	CAS No	Composition
Ethylene Glycol	107-21-1	25-50
2-(Dimethylamino)-2-methylpropan-1-ol	7005-47-2	4
Tall Oil amide	-	Confidential
Sodium N-lauroylsarcosinate	137-16-6	Confidential
Distilled Water	7732-18-5	Balance

*See Section 16

3. Hazards Identification

Odour	Mild Amine
Appearance	Amber
Contact with eyes	May cause discomfort and/or stinging
Contact with skin	May cause itching on prolonged contact
Ingestion	May cause nausea and/or vomiting. Ingestion of 100ml of ethylene glycol has been proved to be fatal.

4. First Aid Measures

Contact with skin	Wash with soap and water. Launder contaminated clothing before re-use. If irritation occurs seek medical attention.
Contact with eyes	Rinse the eye with fresh water for at least 15 minutes. If discomfort persists seek medical attention
Inhalation	In case of symptoms refer for medical treatment. Remove to fresh air.

5. Fire-fighting Measures

Suitable extinguishing agents:
Water spray, carbon dioxide, dry powder or foam.
Special hazards caused by the substance, its products of combustion or resulting gases:
Decomposition products include oxides of carbon
Protective equipment:
Self-contained breathing apparatus and full protective clothing required.

6. Accidental Release Measures

Personal Precautions	Gloves and eye protection should be worn when handling the product
Environmental Precautions	Prevent the spillage entering drains and watercourses
Clean Up Actions	Small spillages may be flushed away with a large volume of water. Large spillages should be absorbed using sand, earth or other absorbent material. Place all absorbed waste into suitable containers for subsequent disposal by a licensed contractor.

7. Handling and Storage

Handling	Gloves and eye protection should be worn when handling the product
Storage	Store away from foodstuffs and out of direct sunlight.

8. Exposure controls and personal protection

Personal protective equipment:
General protective and hygienic measures:
Adhere to good laboratory practice (GLP).
Wash hands before breaks and at the end of work.
Protection of hands:
Protective gloves should be worn.
Material of gloves:
We recommend latex, neoprene, nitrile or natural rubber.
Penetration time of glove material:
Penetration time > 8 hours.
Eye protection:
Safety glasses should be worn. Goggles or a face shield are recommended where there is a risk of accidental splashing.
Body protection:
Overalls should be worn when handling the product.

9. Physical and chemical properties

Odour	Mild amine

Appearance	Clear (Green fluorescence leak detection dye optional)
pH	9.8 at 100%
Boiling point	100°C
Vapour pressure	2.33 KN.m-2

10. Stability and reactivity

Stability:
Stable.
Materials to be avoided:
None known
Hazardous reactions:
None known.
Hazardous decomposition products:
None known.

11. Toxicological information

Toxicological information	No experimental data available Inhalation. Vapours or aerosols may cause irritation of Eyes, Nose and Respiratory tract.
Contact with skin	May cause itching on prolonged contact
Contact with eyes	May cause discomfort and/or stinging
Ingestion	May cause nausea and/or vomiting. Ingestion of 100ml of ethylene glycol has been proved to be fatal.

12. Ecological information

Ecotoxicity	Product is biodegradable and does not bioaccumulate.
Aquatic toxicity:	This product is of low toxicity.

13. Disposal considerations

Product:
The product should be disposed of as hazardous waste, in accordance with local regulations.
Packaging:
Contaminated packaging must be disposed of in the same matter as the product.
Non-contaminated packaging may be recycled. Contact you local service providers for more information.

14. Transport information

Land transport ADR/RID (cross border):
Not regulated.
Maritime transport IMDG:
Not regulated.
Air transport ICAO/IATA Class:
Not regulated.

15. Regulatory information

Labelling according to EC guidelines:
The product has been labelled in accordance with EC directives
Code letter and hazard designation of product:
Xn - Harmful
Risk phrases:
R22 – Harmful if swallowed
R36/38 – Irritating to skin and eyes
Safety phrases:
S2 – Keep out of reach of children
S37/39 – Wear suitable gloves and eye/face protection

16. Other information

Text of R and S phrase codes used in this safety data sheet:- R34: Causes burns; R36: Irritating to eyes; R37: Irritating to respiratory system; R41: Risk of serious damage 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 application(s) without seeking advice from manufacturer

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