



RXSOL

CHEMO PHARMA INTERNATIONAL

Material Safety Data Sheet (MSDS)

RXSOL-16-3764-210

Hydraulic & BOP Control Fluid Concentrates

1. Product and Company Identification

www.rxmarine.com

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

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

2. Composition / Information on ingredients

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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

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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

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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

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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

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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

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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

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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

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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

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Stability:

Stable.

Materials to be avoided:

None known

Hazardous reactions:

None known.

Hazardous decomposition products:

None known.

11. Toxicological information

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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

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

13. Disposal considerations

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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 manner as the product.

Non-contaminated packaging may be recycled. Contact your local service providers for more information.

14. Transport information

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Land transport ADR/RID (cross border):

Not regulated.

Maritime transport IMDG:

Not regulated.

Air transport ICAO/IATA Class:

Not regulated.

15. Regulatory information

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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

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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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