



# RXSOL

CHEMO PHARMA INTERNATIONAL

**RXSOL-92-9008-025**  
CARDIUM LUBRICANTS

## Material Safety Data Sheet (MSDS)

### 1. Product and Company Identification

[www.rxmarine.com](http://www.rxmarine.com)

Product Name	RXSOL-92-9008-025
Product Type	<b>Cardium Lubrication Compound</b>

#### Company Details:

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Vizag, Surat, Fujairah, Muscat, Nairobi

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	<a href="mailto:mail@rxmarine.com">mail@rxmarine.com</a>

### 2. Composition / Information on ingredients

[www.rxmarine.com](http://www.rxmarine.com)

Chemical Name	Percentage Volume	CAS Number
White Spirit	21-36%	64742-82-1
Bitumen Containing Aromatic oils	54-56%	64742-93-4
Castor Oil	05-10%	8001-79-4
Proprietary Blend of Polymer Oil	18-27%	Enhance LUBRICATION

\*See Section 16

### 3. Hazards Identification

[www.rxmarine.com](http://www.rxmarine.com)



**Irritant**

Inhalation	Excessive inhalation can cause nausea, headache, intoxication and unconsciousness.
Ingestion	May cause irritation to the digestive tract and mouth causing vomiting and abdominal pain.

Skin Contact	Prolonged contact will defat and dry the skin and may lead to irritation and dermatitis.
Eye Contact	Will cause intense smarting and irritation.

#### 4. First Aid Measures

[www.rxmarine.com](http://www.rxmarine.com)

Inhalation	Remove to fresh air. Give oxygen/artificial respiration if needed. CONSULT DOCTOR.
Ingestion	DO NOT INDUCE VOMITING. Give plenty of milk or water. CONSULT DOCTOR.
Eyecontact	Flush with copious clean water minimum 15 minutes ensure thorough irrigation. CONSULT DOCTOR.
Skin Contact	Remove contaminated clothing. Apply proprietary skin cleaner then wash with copious soap and water. Apply skin cream.

#### 5. Fire-fighting Measures

[www.rxmarine.com](http://www.rxmarine.com)

Extinguishing Media	Dry powder, CO2, Earth, Sand, Foam. DO NOT USE WATER
Speacial Fire Fighting Procedure	Wear self contained breathing apparatus, full protective clothing. Spray drums with water to keep cool.
Unusual Fire & Explosion Hazards	Vapour is heavier than air. Combustion produces toxic gases.

#### 6. Accidental Release Measures

[www.rxmarine.com](http://www.rxmarine.com)

Steps to taken in case material is realeased or spilled	
Absorb onto inert material, e.g. sand, earth. Put into suitable containers. Prevent from entering water courses.	

#### 7. Handling and Storage

[www.rxmarine.com](http://www.rxmarine.com)

Precautions for safe Handling	Keep in tightly closed container in cool dry area from all sources of ignition.
Other precautions	Store away from oxidising agents, peroxides, foodstuffs.

#### 8. Exposure controls and personal protection

[www.rxmarine.com](http://www.rxmarine.com)

Respiratory Protection (Type)	Self contained breathing apparatus if in enclosed spaces. Otherwise, not normally required.
<u>Ventilation</u> Local Exhaust	Ensure adequate ventilation to comply with OEL.
Protective Gloves	Rubber, PVC
Eye Protection	Safty goggles long sleeved overalls



Gloves



Goggles



Suit



No\_Smoking

## 9. Physical and chemical properties

www.rxmarine.com

Appearance	Black Paste
Odour	Paint Like
pH	N/A
Specific Gravaty	0.90-0.99
Vapour pressure(MM Mercury)	0.90-0.93
Vapour Density (air=1)	
Metling point/Freezing point	N/A
Water solubility	Insoluble
Viscosity	Viscous Liquid
Percentage volatile by volume(%)	42-45%
Evoporation Rate (Butyl Acetate=1)	.19
Flash Point@/Method Used	Above 32°C (Abel CC)
Lower Explosive Limits	0.6%
Upper Explosive Limits	8.0%

## 10. Stability and reactivity

www.rxmarine.com

Stability	Stable under normal conditions
Conditions to avoid	High Tempretures
Incompatibility/ Materials to avoid	Oxidising agents, strong acids, Alkalis, halogens.
Hazarodus Decomposition Products	Combution produces toxic gases.
Hazardous Polymerisation	Will not occur

## 11. Toxicological information

www.rxmarine.com

LD50/oral/rat = 5000mg/kg (white spirit)

## 12. Ecological information

www.rxmarine.com

White Spirit is a Marine Pollutant

### 13. Disposal considerations

[www.rxmarine.com](http://www.rxmarine.com)

Incinerate or landfill according to local regulations.

### 14. Transport information

[www.rxmarine.com](http://www.rxmarine.com)

Un Number	1263
RID-ADR	Class 3
Packing group	III
HI	30

### 15. Regulatory information

[www.rxmarine.com](http://www.rxmarine.com)

Risk & Safety Phrases	
R10	Flamable
R40/21	Harmful-Possible risk of irreversible effects in contact with skin
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
S24	Avoid contact with Skin
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection

### 16. Other information

[www.rxmarine.com](http://www.rxmarine.com)

Recommended uses and restrictions: See below

Source of key information used to compile SDS, CHIP regulations 1994. EH40

If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used. The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation (e.g. the Health and Safety at Work Act, 1974; the control of Substances Hazardous to Health Regulations, 1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

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