Material Safety Data Sheet

CARDIUM LUBRICANTS (RXSOL-92-9008-025)

1. Product and Company Identifaction

Product Name	RXSOL-92-9008-025
Product Type	**Cardium Lubrication Compound**

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	mail@rxmarine.com

2. Composition / informationon ingredients

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
Proprietory Blend of Polymer Oil	18-27%	Enhance LUBRICATION

*See Section 16

3. Hazards Identification



Irritant

Inhalation	Excessive inhalation can cause nausea, headache, intoxication and unconsciousness.
Ingestioin	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

Inhalation	Remove to fresh air. Give oxygen/artificial respiration of 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

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

Steps to taken in case material is realesed or spilled

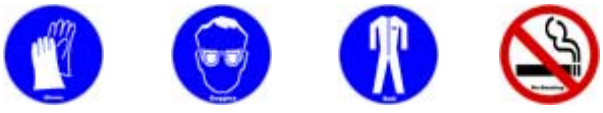
Absorb onto inert material, e.g. sand, earth. Put into suitable containers. Prevent from entering water courses.

7. Handling and Storage

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

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



Gloves Goggles Suit No_Smoking

9. Physical and chemical properties

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 32ºC (Abel CC)
Lower Explosive Limits	0.6%
Upper Explosive Limits	8.0%

10. Stability and reactivity

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

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

12. Ecological information

White Spirit is a Marine Pollutant

13. Disposal considerations

Incinerate or landfill according to local regulations.

14. Transport information

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

15. Regulatory information

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 sutible protective clothing, gloves and eye/face protection

16. Other information

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.