Material Safety Data Sheet

Congo Red Solution (RXSOL-60-6240-500)

1. Product and Company Identifaction

Product Name	RXSOL-60-6240-500
Product Type	Congo Red Solution

Company Details:

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

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

2. Composition / informationon ingredients

SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Congo Red (Direct Red	CAS# 573-58-0	0.05 -1%	W/V	None established
Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established

3. Hazards Identification

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

Emergency Overview:May Cause Stomach Upset if Injested. May Cause Skin and Eye Irritation.

Inhalation:No Adverse Health Effects Expected from Inhalation.

Ingestion:Large Doses may Cause Stomach Upset.

Skin:Not Expected to be a Health Hazard. May Cause Slight Irritation.

Eye Contact:Splashes may Cause Irritation.

Chronic Exposure:No Information Found.

Aggravated by Exposure:No Information Found.

4. First Aid Measures

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

SKIN:	Wash exposed area with soap and water. If irritation persists, seek medical attention.
EYES:	Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid.
INHALATION:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen
INGESTION:	If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

5. Fire-fighting Measures

Fire Extinguisher Type:	Any means suitable for extinguishing surrounding fire
Fire / Explosion Hazards:	None Known.
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

6. Accidental Release Measures

Absorb spill with inert material. Flush excess down drain.Ventilate Area of Leak or Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Contain and Recover Liquid when Possible. Collect Liquid in an Appropriate Container or Absorb with an Inert Material (e.g., Vermiculite, Dry Sand, Earth), and Place in a Chemical Waste Container. Do Not Use Combustible Materials, such as Saw Dust. Dilute with Water and Flush to Sewer if Local Ordinances allow.

7. Handling and Storage

This Material is not considered hazardous. Store in a cool, dry place. Handle using safe laboratory practices.

8. Exposure controls and personal protection

Respiratory Protection	None required
Ventilation	Local
OTHER	Mechanical
Protective Gloves	Wear appropriate gloves to prevent skin exposure
EYE PROTECTION	Splash Goggles
Other Protective Equipment	Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

BOILING POINT	~100° C
VAPOR PRESSURE	Information not available
MELTING POINT	~0° C

VAPOR DENSITY	Information not available
EVAPORATION RATE	1
Appearance /Odors	Clear red odorless liquid
Flash Point	not flammable
Specific Gravity	~1.0
Percent Volatile by	>99%
Evaporation Standard	Water =1
Auto Ignition Temp	Not applicable
Lower Flamm. Limit in Air	Not applicable
Upper Flamm. Limit in Air	Not applicable
Solubility in Water	Soluble

10. Stability and reactivity

STABILITY	Stable
CONDITIONS TO AVOID	None known
MATERIALS TO AVOID	None known
HAZARDOUS DECOMPOSITION PRODUCTS	None known
HAZARDOUS POLYMERIZATION	not expected to occur
Conditions to Avoid	None known

11. Toxicological information

Carcinogenic References: NTP Carcinogen - Known: No, IARC Category- None

12. Ecological information

No Information Found.

13. Disposal considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and
approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal
disposal regulations. Dispose of container and unused contents in accordance with federal, stateand local requirements

14. Transport information

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

15. Regulatory information

Chemical Inventory Status –
Part 1:Ingrdient
Congo Red (573-58-0)
TSCA Yes
EC Yes
Japan NO
Australia Yes

Chemical Inventory Status –
Part 2:Ingredient
Congo Red (573-58-0)
Korea Yes
DSL Yes
NDSL No
Phil. Yes

Federal, State & International Regulations –
Part 1: Ingredient.
Congo Red (573-58-0)
RQ No
TPQ No
List NO
Chemical Catg No

Federal, State &
International Regulations –
Part 2:Ingredient
Congo Red (573-58-0)
CERCLA No
261.33 No
8(d) No

Chemical Weapons Convention: No
TSCA 12 (b):YES
CDTA:No PURE/SOLID
SARA 311/312: Acute: YES
Chronic: No
Fire: No
Pressure: No
Reactivity: No
Australian Hazchem Code: None allocated

16. Other information

Conditions aggravated/target organs: None known. Acute: Essentially non-hazardous. Possible irritation of eyes/stomach.

Flammability

Health Reactivity

Revisions	NFPA
7/30/2010	0.1 updated msds to 16 section from 10 section msds. STN
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