Material Safety Data Sheet

INDIGO CARMINE (RXSOL-69-6905-001)

1. Product and Company Identifaction

Product Name	INDIGO CARMINE
Product Type	RXSOL-69-6905-001
Chemical Formula	$C_{16}H_8N_2O_8S_2Na_2$

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

Branch : Sikka, Kandla, Dahej , Hazira, JNPT, Goa, Mngalore, Cochin, Tuticorin,Chennai, Kakinada,Vizag, Paradip, Haldia, Kolkata,Fujairah

Phone	+91 22 27815540 / 27815542
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	123@rxmarine.com
Website	www.rxmarine.com

2. Composition / informationon ingredients

Name	CAS#	E.E.C.No.	C.I.No.	EINECS.	Synonyms
Indigo Carmine	860-22-0(5,5'isomer)	E-132	73015	212-728-8	C.I.Food Blue #1

3. Hazards Identification

Warnings The usual precautions taken when handling of dyes should be observed. As the substance is edible dye, no hazardous to water supply.

4. First Aid Measures

Eye Contact	Wash eyes with plenty of water for at least 15 minute.
Skin Contact	Wash off with plenty of water and soap.
Injection	Plenty full water to be taken inside, special medical attention may not be necessary.

5. Fire-fighting Measures

Extinguishing Media	Use dry chemicals or carbon dioxide CO.
Thermal Decomposition	Dangerous decomposition is not anticipated.

6. Accidental Release Measures

After Spillage	Sweep up spilled substance carefully, then clean with water.
Absorbent Material	Use clean cotton cloth.

7. Handling and Storage

Handling	Avoid formation of dust.
Storage	Keep in closed container at ambient temperature & humidity. Do Not Store Together Store Colourwise

8. Exposure controls and personal protection

TLV	No
Respirator Protection	May be used (In case dust formation particle filter e.g. DIN 3181-21 may be)
Ventilation	Local ventilation capable of minimising dust emission at the point of use.
Eye Protection	Protective glasses may be used.
Hand Protection	Rubber gloves may be used wash the hands before and at the end of work with water, soap



Gloves



Suit

9. Physical and chemical properties

Physical State	Solid, Fine Powder/Granules.
Colour	Dark Blue.
Odor	Odorless
pH	Value 5-6
Boiling Point	Not applicable
Melting Point	No sharp melting point observed.
Flash Point	Not applicable. Substance does not having any oxidising property.
Solubility in water	15 gms/litre
Ignition Temperature	Not applicable

Explosion Limit	Not applicable
Vapor Pressure	Not applicable
Density	0.80

10. Stability and reactivity

Hazardous Reactions	No
Hazardous Decomposition Product	Not Established
Chemical In Compatibility	Not relevant.
Condition To Avoid	I) Heating To High Temperature II) Storage under damp atmosphere
Reactivity Data	This material is stable under condition of normal handling and use, but sensitive to moist air.

11. Toxicological information

LD 50 Oral	6000-10000 mg/kg body weight
LD 50 intraperitoneal	3800-5000 mg/kg body weight
LD 50 skin	No adverse or pathological effect
LD 50 inhalation	Not Known
Inhalation	Not Known
Eye Irritation	Not irritating to Eye
Dermal Irritation	Not irritating to skin.
Acceptable Daily Intake JECFA EEC	0-2.5 mg/kg body weight 0-2.5 mg/kg body weight

12. Ecological information

Water Hazard	Being an edible dye, Not established.

13. Disposal considerations

Disposal Methods	Can be sent to an incineration plant in accordance with local regulations.

14. Transport information

DOT	Not regulated
TDG	Not regulated
Hazard Class	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated

15. Regulatory information

Waste Classification	Manufactured as per specification set by BIS (India), FAO/WHO (JECFA). Each country has its own laws on colouring of food-stuffs, colourant permitted and their purity standards.

16. Other information

Other Information	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.