

1. Product and Company Identification

www.rxmarine.com

Product Name	INDIGO CARMINE
Product Type	RXSOL-69-6905-001
Chemical Formula	C ₁₆ H ₈ N ₂ O ₈ S ₂ Na ₂

Company Details:

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

Branch : Sikka, Kandla, Dahej , Hazira, JNPT, Goa, Mangalore, 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 / Information on ingredients

www.rxmarine.com

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

www.rxmarine.com

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

www.rxmarine.com

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

www.rxmarine.com

Extinguishing Media

Use dry chemicals or carbon dioxide CO₂.

Thermal Decomposition

Dangerous decomposition is not anticipated.

6. Accidental Release Measures

www.rxmarine.com

After Spillage

Sweep up spilled substance carefully, then clean with water.

Absorbent Material

Use clean cotton cloth.

7. Handling and Storage

www.rxmarine.com

Handling

Storage

Avoid formation of dust.

Keep in closed container at ambient temperature & humidity. Do Not Store Together Store Colourwise

8. Exposure controls and personal protection

www.rxmarine.com

TLV

Respirator Protection

No

May be used (In case dust formation particle filter e.g. DIN 3181-21 may be)

Ventilation

Eye Protection

Local ventilation capable of minimising dust emission at the point of use.

Hand Protection

Protective glasses may be used.

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

www.rxmarine.com

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

www.rxmarine.com

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

www.rxmarine.com

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

www.rxmarine.com

Water Hazard	Being an edible dye, Not established.
--------------	---------------------------------------

13. Disposal considerations

www.rxmarine.com

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

14. Transport information

www.rxmarine.com

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

15. Regulatory information

www.rxmarine.com

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

www.rxmarine.com

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.