

## 1. Product and Company Identification

www.rxmarine.com

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**

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

## 2. Composition / Information on ingredients

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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

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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

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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

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Extinguishing Media	Use dry chemicals or carbon dioxide CO <sub>2</sub> .
Thermal Decomposition	Dangerous decomposition is not anticipated.

## 6. Accidental Release Measures

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

## 7. Handling and Storage

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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

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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

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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

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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](http://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

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Water Hazard	Being an edible dye, Not established.
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## 13. Disposal considerations

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Disposal Methods	Can be sent to an incineration plant in accordance with local regulations.
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## 14. Transport information

[www.rxmarine.com](http://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](http://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.
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## 16. Other information

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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 we 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.