



Alpha Chemika



ISO 9001 QUALITY SYSTEM CERTIFIED ORGANIZATION

MATERIAL SAFETY DATA SHEET

MSDS

Savgan Heights : 102 ,B Wing ; R.T.D. Lane ,Andheri (West) Mumbai - 400053 , INDIA

Section 1 - Chemical Product and Company Identification

Product Name : 1,1-DIETHYL 4,4-CARBOCYANINE IODIDE

Synonyms: Cryptocyanine, Kryptocyanine

CAS No.: 4727-50-8

Molecular Weight: 480.38

Chemical Formula: C₂₅H₂₅IN₂

Section 2 - Composition, Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
1,1-diethyl 4,4-carbocyanine iodide	4727-50-8	98-100%	Yes

Section 3 - Hazardous Identification

Risk advice to man and the environment

Irritating to eyes, respiratory system and skin. Very toxic if swallowed.

Section 4 - First Aid Measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

In case of skin contact

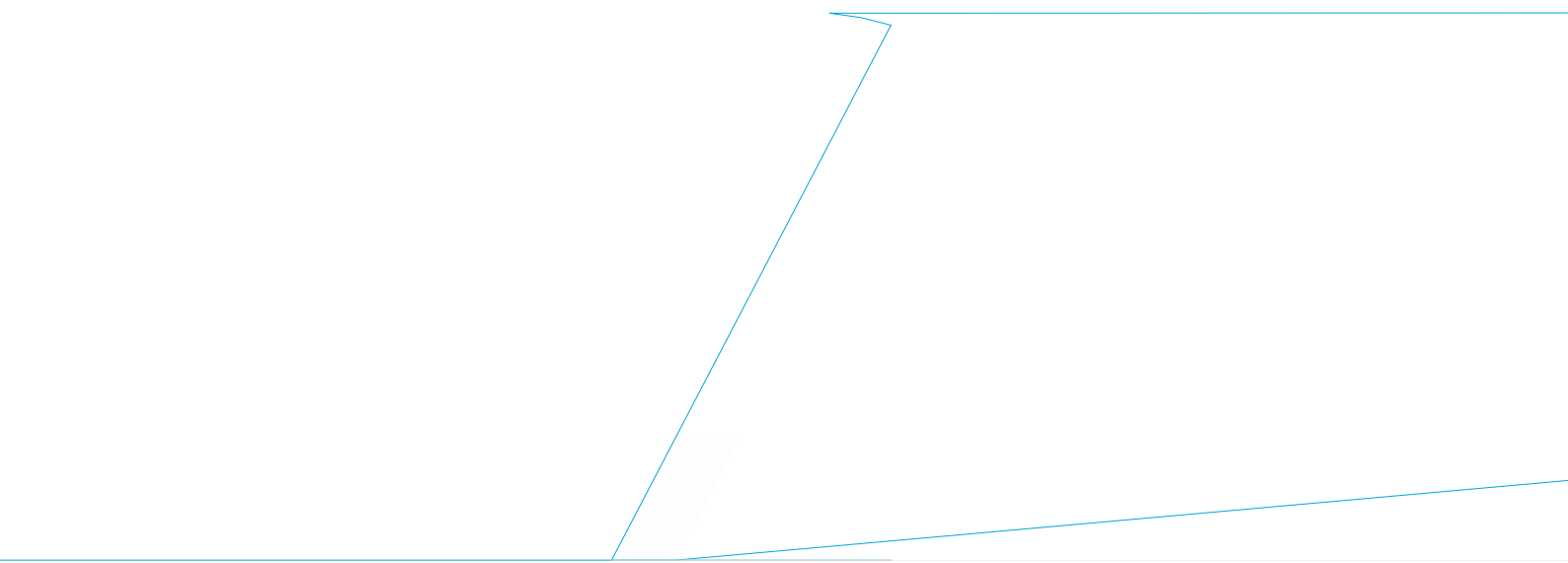
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.



Section 9 - Physical and Chemical Properties

Appearance

Form solid

Safety data

pH no data available

Melting point 250,5 - 253 °C

Boiling point no data available

Flash point no data available

Ignition temperature no data available

Lower explosion limit no data available

Upper explosion limit no data available

Water solubility no data available

Section 10 - Stability and Reactivity

Storage stability

Stable under recommended storage conditions.

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx), Hydrogen iodide

Section 11 - Toxicological Information

Acute toxicity

LD50 Oral - mouse - 25 mg/kg

Remarks: Behavioral:Somnolence (general depressed activity). Diarrhoea Skin and Appendages: Other: Hair.

Irritation and corrosion

no data available

Sensitisation

no data available

Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potential Health Effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye irritation.

Ingestion May be fatal if swallowed.

Additional Information

RTECS: VC3676880

Section 12 - Ecological Information

Elimination information (persistence and degradability)

no data available

Ecotoxicity effects

no data available

Further information on ecology

no data available

Section 13 - Disposal Considerations

Product

Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product

Section 14 - Transport Information

ADR/RID

UN-Number: 2811 Class: 6.1 Packing group: II

Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (1-Ethyl-4-[3-(1-ethyl-4(1H)-quinolylidene)prop-1-enyl]quinolinium iodide)

IMDG

UN-Number: 2811 Class: 6.1 Packing group: II EMS-No: F-A, S-A

Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (1-Ethyl-4-[3-(1-ethyl-4(1H)-quinolylidene)prop-1-enyl]quinolinium iodide)

Marine pollutant: No

IATA

UN-Number: 2811 Class: 6.1 Packing group: II

Proper shipping name: Toxic solid, organic n.o.s. (1-Ethyl-4-[3-(1-ethyl-4(1H)-quinolylidene)prop-1-enyl]quinolinium iodide)

Section 15 - Regulatory Information

Labelling according to EC Directives

Hazard symbols

T+ Very toxic

R-phrase(s)

R36/37/38 Irritating to eyes, respiratory system and skin.

R28 Very toxic if swallowed.

S-phrase(s)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of water.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S36/37 Wear suitable protective clothing and gloves.

Section 16 - Additional Information

Not Available