



NEELIKON FOOD DYES & CHEMICALS LTD

An ISO 9001 : 2008 Certified Company

Regd.Office. :- D-17, Everest, 5th Floor, Pandit Madan Mohan Malviya Marg, Tardeo, Mumbai 400 034. INDIA.

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DEPARTMENT :QUALITY CONTROL		MATERIAL SAFETY DATA SHEET		Doc. No.NFDCL/F/QC/09

MSDS NO : 007 P 03 01

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : FD & C RED 3

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SECTION 2 : COMPOSITION / INFORMATION ON INGREDIENTS

Product Name : FD & C Red 3
Chemical Name : Monohydrate of 9 (o – carboxyphenyl)- 6-hydroxy –2,4-5,7 – tetraiodo –3H –xanthen – 3- one) disodium salt.
Colour Index No. : 45430
Colour Index Name : Food Red 14
C.A.S. No. : 16423-68-0

Ingredients

FD & C Red 3 : 87% min
Sodium Chloride, Sodium Sulphate & Water : Remainder

SECTION 3 : HAZARDS IDENTIFICATION

Non Hazardous

SECTION 4 : FIRST AID MEASURES

Eyes : Flush eyes with plenty of water. Get medical aid immediately.
Skin : Wash the contaminated parts with plenty of soap and water.
Ingestion : If swallowed seek medical advice immediately.
Inhalation : Move to fresh air. If not breathing , give artificial respiration. If breathing is difficult, give oxygen.

SECTION 5 : FIRE FIGHTING MEASURES

Flammable Limits : Normally stable, non combustible and non flammable.
Extinguishing Media : Water, water mist , carbon dioxide , foam.
Special protective Equipment : Wear self contained breathing apparatus.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal Precautions : In case of insufficient ventilation wear suitable respiratory equipment.
Spills / Leaks : Clean up spills immediately, observing precautions in the protective equipment section.

SECTION 7: HANDLING & STORAGE

Handling : Wash thoroughly after handling. Remove contaminated clothings and wash before re use. Avoid contact with eyes, skin & clothing. Avoid ingestion and inhalation.
Storage : Store in cool dry place. Keep container closed when not in use.

PREPARED BY	APPROVED BY	ISSUED BY	STATUS
Q.C.HOD	Q.A.HOD	MANAGEMENT REPRESENTATIVE	



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SECTION 8 :EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes : Wear chemical goggles.
Skin : Wear appropriate protective gloves to prevent skin exposure.
Body Protection : Wear appropriate protective suit to prevent exposure of body.
Hygiene Practices : When using do not eat, drink or smoke. Shower or bath at the end of working.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Red Powder
Odour : Odourless
Molecular Formula : $C_{20}H_{16}I_4Na_2O_5$
Molecular Wt. : 897.88
Bulk Density : 0.62 gm / cc
Flash Point : Normally stable, neither combustible nor flammable.
Flammable Limits : Non flammable.

SECTION 10 : STABILITY AND REACTIVITY

Chemical Stability : Stable under normal temperatures and pressures.
Conditions to Avoid : Strong oxidizing agents
Hazardous Reactions : None
Hazardous Decomposition Products : CO, CO₂ oxides of nitrogen and other potentially toxic fumes.

SECTION 11 : TOXICOLOGICAL INFORMATION

Oral(Animal) : Greater than 10,000 mg/kg toxic to Rat
Dermal (Animal) : No data available
Effects to eyes (Animal) : Not irritant (Rabbit)
Skin irritation (Animal) : Slight irritant (Rabbit)

SECTION 12 : ECOLOGICAL INFORMATION

No Information found.

SECTION 13 : DISPOSAL CONSIDERATION

Disposal via an authorised disposal contractor to an approved disposal site in accordance with local regulations.

SECTION 14 : TRANSPORT INFORMATION

IATA : Not regulated as a hazardous material.
IMO : Not regulated as a hazardous material.

SECTION 15 : REGULATORY INFORMATION

The product is not classified as dangerous substance and hence labeling according to EC directives is not necessary.

SECTION 16 : OTHER INFORMATION

The above Information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith. No warranty is implied with respect to the quality or the specification of the product and the user must satisfy him self that the product is entirely suitable for his purpose.

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