

NEELIKON FOOD DYES & CHEMICALS LTD**Safety Data Sheet**

Printing date 30.11.2010

according to 1907/2006/EC, Article 31

Revision: 01.07.2015

1 Identification of the substance/mixture and of the company/undertaking**· Product details****· Trade name: D & C Green 8 / Lavanya Discovery****· Registration number 05-2114650743-47-0000 (Pre-reg no.)****· Application of the substance / the preparation**

Solvent dyes, undergoing molecular rearrangement, are dissolved in the substrate. They colour and bind to lipids.

In industrial fields, they are used to colour oils, waxes, greases, fats, hydrocarbons derivatives, polishes, oily insecticides, and acrylic emulsions.

· Manufacturer/Supplier:

Neelikon Food Dyes & Chemicals Ltd.,

D-8, D-17 Everest, 5th Floor,

Pandit Madan Mohan Malviya Marg,

Tardeo, Mumbai – 400 034.

· Further information obtainable from:

Tel : 00 91 22 66661415(6 Hunting Lines)

Fax : 00 91 22 23523945 /66626916

Email ID: info@neelikon.com

· 1.4 Emergency telephone number:

M/s Neelikon Food Dyes & Chemicals

Ltd., D-8, Everest, 5th Floor,

Pdt.M.M.Marg, Tardeo Circle, Mumbai 34, India.

Tel.: 00 91 22 66626 874, Mobile No. :00 91 9970004002

Kind. Attn.Mr.Rajeev Mathyal.

2 Hazards identification**· Classification of the substance or mixture****· Classification according to Regulation (EC) No 1272/2008 Void****· Information concerning particular hazards for human and environment: Not applicable.****· Label elements****· Labelling according to Regulation (EC) No 1272/2008****· Hazard pictograms Void****· Signal word Void****· Hazard-determining components of labelling: Void****· Hazard statements Void****· Labelling according to EU guidelines:**

The substance is not subject to classification according to EU lists and other sources of literature known to us.

Observe the general safety regulations when handling chemicals.

3 Composition/information on ingredients**· Chemical characterization:****· CAS No. Description**

6358-69-6 trisodium 8-hydroxypyrene-1,3,6-trisulphonate

· Identification number(s)**· EINECS Number: 228-783-6**

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· Additional information:

Molecular Formula : C16-H7-O10-S3.3Na

Molecular Weight : 524.37

4 First aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

5 Firefighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
carbon monoxide (CO), carbon dioxide (CO₂), sulfur oxides (SO_x), other pyrolysis products typical of burning organic material.
- **Protective equipment:**
Wear self contained breathing apparatus and protective clothing to prevent contact with skin.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Do not allow product to reach sewage system or any water course.
- **Measures for cleaning/collecting:**
Sweep up, shovel up or vacuum up (consider explosion-proof machines designed to be grounded during storage and use).
Place spilled material in clean, dry, sealable, labeled container

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Provide proper ventilation/exhaustion.
- **Information about storage in one common storage facility:**
keep away from oxidizing agents i.e. nitrates, oxidizing acids, chlorine bleaches
- **Further information about storage conditions:**
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
- **Specific applications**

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8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses
- **Body protection:** Wear appropriate protective clothing to prevent skin contact.

9 Physical and chemical properties· **General Information**· **Appearance:**

Form:	Solid
Colour:	Yellow to green
Odour:	Odourless

· **Change in condition**

Melting point/Melting range: >300°C

· **Flash point:** Not applicable.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density:** Not available

· **Solubility in / Miscibility with water:** Partly miscible.

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

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- **Materials to be avoided:** oxidizing agents i.e. nitrates, oxidizing acids, chlorine bleaches
- **Dangerous decomposition products:**
carbon monoxide (CO), carbon dioxide (CO₂), sulfur oxides (SO_x), other pyrolysis products typical of burning organic material.

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values relevant for classification:** No data available.
- **Primary irritant effect:**
- **on the skin:** Not available
- **on the eye:** Not available
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
The substance is not subject to classification according to the latest version of the EU lists.

12 Ecological information

- **Information about elimination (persistence and degradability):** Not available
- **Results of PBT and vPvB assessment TO BE PROVIDED IN THE REGISTRATION DOSSIER**

13 Disposal considerations

- **Product:**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -
- **UN "Model Regulation":** -

15 Regulatory information

- **Chemical safety assessment** A Chemical Safety Assessment has not been carried out.

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- **National regulations:**
- **Other regulations, limitations and prohibitive regulations**
- **Substances of very high concern (SVHC) according to REACH, Article 57**
The substance is not listed as SVHC.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association"
 (IATA) ICAO: International Civil Aviation Organization
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organization"
 (ICAO) EINECS: European Inventory of Existing Commercial Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)

· **Sources**

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

ChemID

<http://chem.sis.nlm.nih.gov/chemidplus/ProxyServlet?objectHandle=Search&actionHandle=getAll3DMViewFiles&nextPage=jsp/common/ChemFull.jsp%3FcalledFrom%3Dlite&chemid=0006358696&formatType=3D>

Sigma-Aldrich MSDS

<http://www.sigmaaldrich.com/catalog/DisplayMSDSContent.do>

Santa Cruz MSDS

<http://datasheets.scbt.com/sc-217501.pdf>

Wikipedia

<http://en.wikipedia.org/wiki/Pyranine>

Buckeye-color MSDS

<http://www.buckeye-color.com/msds/msds207.pdf>

· *** Data compared to the previous version altered.**

Section 2 : Hazard Identification – Changes in classification and Labelling

Section 4 : First Aid Measures Section 5

: Fire-fighting Measures Section 6 :

Accidental Release Measures Section 7 :

Handling and Storage

Section 8 : Exposure Controls / Personal Protection

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Section 13 : Disposal Considerations