

NEELIKON FOOD DYES & CHEMICALS LTD

SDS according to COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010

amending Regulation (EC) No 1907/2006

Printing date 30.07.2013

Revision: 01.07.2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Trade name: Neelilake Sunset Yellow Lake****· CAS Number:**

15790-07-5

· EC number:

239-888-1

· Registration number 05-2114652108-51-0000 (Pre-registration no.)**· 1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

· Application of the substance / the preparation Used in food colouring**· 1.3 Details of the supplier of the safety data sheet****· Manufacturer/Supplier:**

Neelikon Food Dyes & Chemicals Ltd.,

D-8, Everest, 5th Floor, Pandit Madan Mohan Malaviya 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**- 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

SECTION 2: Hazards identification**· 2.1 Classification of the substance or mixture****· Classification according to Regulation (EC) No 1272/2008**

The substance is not classified according to the CLP regulation.

· Information concerning particular hazards for human and environment: Not applicable.**· 2.2 Label elements****· Labelling according to Regulation (EC) No 1272/2008 Not applicable****· Hazard pictograms Not applicable****· Signal word Not applicable****· Hazard statements Not applicable****· 2.3 Other hazards****· Results of PBT and vPvB assessment****· PBT: Not applicable.****· vPvB: Not applicable.****SECTION 3: Composition/information on ingredients****· 3.1 Chemical characterization: Substances****· CAS No. Description**

15790-07-5 aluminium, 6-hydroxy-5-[(4-sulfophenyl)azo]-2-naphthalenesulfonic acid complex

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- **Identification number(s)**
- **EC number:** 239-888-1
- **Additional information:**
Molecular Formula : C₁₆H₉AlN₂O₇S₂
Molecular Weight : 432.363
- **SVHC** The substance is not in the list of SVHC substances

SECTION 4: First aid measures

- **4.1 Description of 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.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture**
oxides of carbon , oxides of nitrogen , oxides of sulfur and hydrogen cyanide
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self contained breathing apparatus and protective clothing to prevent contact with skin.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **6.3 Methods and material for containment and cleaning up:**
Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal.
- **6.4 Reference to other sections** No dangerous substances are released.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Avoid skin and eye contact and breathing in dust.
Avoid handling which leads to dust formation. May form flammable dust clouds in air. Take precautionary measures against static discharges.
- **Information about fire - and explosion protection:** Protect from heat.

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- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Ensure ventilation is adequate to maintain air concentrations below Exposure Standards
- **Information about storage in one common storage facility:** Keep away from strong oxidising agents.
- **Further information about storage conditions:**
Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Store below 30 °C. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for spills.
- **7.3 Specific end use(s)** Used in food colouring.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Suitable respiratory protective device recommended.
- **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.

SECTION 9: Physical and chemical properties· **9.1 Information on basic physical and chemical properties**· **General Information****(a) Appearance:**

Form:	Powder
Colour:	Orange
(b) Odour:	Odourless

· **Change in condition**

(c) Melting point/Melting range:	294 °C
(d) Boiling point/Boiling range:	>400 °C

(e) Flash point:	Not available.
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(f) Flammability (solid, gaseous):	Product is not flammable.
(g) Ignition temperature:	Not available
(h) Decomposition temperature:	No data available.
(i) Self-igniting:	Product is not self-igniting.
(j) Danger of explosion:	Product does not present an explosion hazard.
(k) Explosion limits:	
Lower:	Not available
Upper:	Not available
(l) Oxidizing properties	Not available.
(m) Vapour pressure at 25 °C:	<0.000001 mmHg
(n) Density:	Not available
(o) Solubility in / Miscibility with water at 25 °C:	243 mg/l
(p) Partition coefficient (n-octanol/water):	1.40 log POW
(q) Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** strong oxidising agents
- **10.6 Hazardous decomposition products:**
oxides of carbon , oxides of nitrogen , oxides of sulfur and hydrogen cyanide

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values relevant for classification:** No data available.
- **Primary irritant effect:**
- **on the skin:** May cause skin irritation.
- **on the eye:** May cause eye irritation.
- **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.

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SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** The substance is not readily biodegradable.
- **12.3 Bioaccumulative potential**
BCF : 3.2
The substance is non bioaccumulative.
- **12.4 Mobility in soil**
The substance has strong adsorption to soil and negligible migration potential to ground water
- **12.5 Results of PBT and vPvB assessment** TO BE PROVIDED IN THE REGISTRATION DOSSIER
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

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

SECTION 14: Transport information

· 14.1 UN-Number	Not Applicable
· 14.2 UN proper shipping name	Not Applicable
· 14.3 Transport hazard class(es)	Not Applicable
· 14.4 Packing group	Not Applicable
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	-

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **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.

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· 15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out and shall be available at the time of REACH registration.

SECTION 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:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

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)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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

h t t p : / / c h e m . s i s . n l m . n i h . g o v / c h e m i d p l u s / ProxyServlet?objectHandle=Search&actionHandle=getAll3DMapViewFiles&nextPage=jsp/common/ChemFull.jsp%3FcalledFrom%3Dlite&chemid=0015790075&formatType= 3D

ACToR

<http://actor.epa.gov/actor/GenericChemicalPdfServlet>

MSDS from BJ Chemicals

<http://msds.orica.com/pdf/shess-en-cds-010-000000039461.pdf> msds

Inert ingredient tolerance reassessment EPA govt

<http://www.epa.gov/opprd001/inerts/foodcolors.pdf>

Data from PBT profiler

<http://www.pbtprofiler.net/ChemDetails.asp?I=0>

· * 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

Section 9: Physical and Chemical Properties

Section 10: Stability and Reactivity

Section 11: Toxicological Information

Section 12: Ecological Information

Section 13: Disposal Considerations