

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Trade name: Neeligran Allura Red Granular****· CAS Number:**

25956-17-6

· EC number:

247-368-0

· Registration number 05-2114650434-52-0000 (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

Color additive in food, drugs, and cosmetics.

Used to color gelatins, puddings, custards, alcoholic and nonalcoholic beverages, sauces, topping, candy, sugars, frostings, fruits, juices, dairy products, bakery products, jams, jellies, condiments, meat and poultry.

· 1.3 Details of the supplier of the safety data sheet**· 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 : 022- 23525257, 23510572 66661415

Fax : 23523945 /66626916

Email ID: info@neelikon.com**· 1.4 Emergency telephone number:**

Contact details of European importer

Emergency telephone number:

Telephone number of EU importer:

Opening hours:

Other Comments (e.g. language(s) of the phone service): English

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.

· Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.**· 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**

25956-17-6 disodium 6-hydroxy-5-[(2-methoxy-4-sulphonato-m-tolyl)azo]naphthalene-2-sulphonate

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- **Identification number(s)**
- **EC number:** 247-368-0
- **Additional information:**
Molecular Formula: C18-H14-N2-Na2-O8-S2
Molecular Weight: 496.43
- **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:**
Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.
- **After eye contact:**
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.
- **After swallowing:**
Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
- **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** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** A self contained breathing apparatus should be used to avoid inhalation of the product.

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 to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
- **6.4 Reference to other sections**
Refer to section 8 and 13 for additional information on personal protection equipment and disposal methods.

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SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**

Ground all equipment containing material. Avoid contact with skin and eyes. Do not breathe dust. Do not ingest.

· **Information about fire - and explosion protection:** Keep away from heat and sources of ignition.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

· **Information about storage in one common storage facility:** Store away from oxidizing and reducing agents.

· **Further information about storage conditions:**

Store in original containers.

Keep containers securely sealed.

Store in a cool, dry, well-ventilated area.

Store away from incompatible materials and foodstuff containers.

Protect containers against physical damage and check regularly for leaks.

· **7.3 Specific end use(s)**

Color additive in food, drugs, and cosmetics.

Used to color gelatins, puddings, custards, alcoholic and nonalcoholic beverages, sauces, topping, candy, sugars, frostings, fruits, juices, dairy products, bakery products, jams, jellies, condiments, meat and poultry.

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:** A self contained breathing apparatus should be used to avoid inhalation of the product.

· **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:** Splash goggles.

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

amending Regulation (EC) No 1907/2006

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· **Body protection:** Protective work clothing, Boots.**SECTION 9: Physical and chemical properties**· **9.1 Information on basic physical and chemical properties**· **General Information**(a) **Appearance:**

Solid

Form:

Powder

Colour:

Dark Maroon

(b) **Odour:**

Odourless

(c) **Odour threshold:**

Not available

(d) **pH-value (1 g/l) at 27 °C:**

4.65

· **Change in condition**(e) **Melting point/Melting range:**

244 °C (at 966 hPa)

(f) **Boiling point/Boiling range:**

310 °C (at 966 hPa)

(g) **Flash point:**

255 °C (at 966 hPa)

(h) **Flammability (solid, gaseous):**

Product is not flammable.

(i) **Ignition temperature:**

Not available

(j) **Decomposition temperature:**

No data available.

(k) **Self-igniting:**

Product is not selfigniting.

(l) **Danger of explosion:**

Product does not present an explosion hazard.

(m) **Explosion limits:** **Lower:**

Not available

Upper:

Not available

(n) **Oxidizing properties**

164.8 Vol %

(o) **Vapour pressure:**

Not available

(p) **Density at 27 °C:**0.706 g/cm³(q) **Evaporation rate**

Not data available

(r) **Solubility in / Miscibility with water at 27 °C:**

4200 mg/l

(s) **Partition coefficient (n-octanol/water) at 27 °C: -1.283 log POW**(t) **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.

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- **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 oxidizing and reducing agents.
- **10.6 Hazardous decomposition products:**
These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...), sulfur oxides (SO₂, SO₃...).

SECTION 11: Toxicological information· **11.1 Information on toxicological effects**(a) **Acute toxicity:**· **LD/LC50 values relevant for classification:**

Oral	LD50	10000 mg/kg bw (rat)
		>5000 mg/kg bw (dog)
		>2000 mg/kg (mouse)
Dermal	LD 50	10000 mg/kg bw (rabbit)

· **Primary irritant effect:**(b) **on the skin:** The substance Allura red is not irritating to skin of humans(c) **on the eye:** The substance Allura Red is not irritating to the eye of rabbit.(d) **Sensitization:** Not sensitizing· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

(e) The substance is not toxic for reproduction.

(f) **Mutagenicity:** The substance was found to be non-mutagenic as per Ames test.· **Repeated dose toxicity**

No biologically significant adverse effects were reported following administration of Allura Red.

· **Toxicokinetics, metabolism and distribution**

Metabolism : Cresidinesulfonic acid was found to be the major metabolite of Allura Red in the urine of rat

· **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.

SECTION 12: Ecological information· **12.1 Toxicity**· **Aquatic toxicity:**

IGC50 (46 hrs)	8.9978 mg/L (Tetrahymen Pyriformis)
LC50 (48 hrs)	722.455 mg/L (Daphnia magna)
LC50 (96 hrs)	5439.436 mg/L (Fish)
NOEC (72 hrs)	8.3529 mg/L (Pseudokirchneriella subcapitata)

· **12.2 Persistence and degradability** The substance Allura Red is non biodegradable· **12.3 Bioaccumulative potential** The substance Allura Red is non bioaccumulative in nature· **12.4 Mobility in soil** The substance has low mobility in soil.· **12.5 Results of PBT and vPvB assessment** Not PBT or vPvB· **PBT:** Not applicable.· **vPvB:** Not applicable.· **12.6 Other adverse effects** No further relevant information available.

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SECTION 13: Disposal considerations· **13.1 Waste treatment methods**· **Recommendation**

Recycle any unused portion of the material for its approved use or return it to the manufacturer or supplier.

Ultimate disposal of the chemical must consider: the material's impact on air quality; potential migration in soil or water; effects on animal, aquatic, and plant life; and conformance with environmental and public health regulations.

· **Uncleaned packaging:**· **Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information**· **14.1 UN-Number** Not Available· **14.2 UN proper shipping name** Not Available· **14.3 Transport hazard class(es)** Not Available· **14.4 Packing group** Not Available· **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.**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.

· **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.

· **Department issuing MSDS:** Product safety department.· **Contact:**

Tel : 022- 23525257, 23510572 66661415

Fax : 23523945 /66626916

Email ID: info@neelikon.com

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· Abbreviations and acronyms:*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)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent***· 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

<http://ecb.jrc.ec.europa.eu/esis/>

http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp

Data from registered dossier

[http://apps.echa.europa.eu/registered/data/dossiers/DISS-d0190e4e-7e91-532d-e044-00144f67d249/DISS-d0190e4e-7e91-532d-e044-00144f67d249 DISS-d0190e4e-7e91-532d-e044-00144f67d249.html](http://apps.echa.europa.eu/registered/data/dossiers/DISS-d0190e4e-7e91-532d-e044-00144f67d249/DISS-d0190e4e-7e91-532d-e044-00144f67d249%20DISS-d0190e4e-7e91-532d-e044-00144f67d249.html)

CCRIS: <http://toxnet.nlm.nih.gov/cgi-bin/sis/search>

C H E M I D P L U S : <http://chem.sis.nlm.nih.gov/chemidplus/ProxyServlet?objectHandle=Search&actionHandle=getAll3DMViewFiles&nextPage=jsp%2Fcommon%2FChemFull.jsp%3FcalledFrom%3Dlite&chemid=0025956176&formatType=3D>

HSDB: <http://toxnet.nlm.nih.gov/cgi-bin/sis/search>

<http://www.sciencelab.com/msds.php?msdsId=9924020>

<http://www.vinayakcorporation.com/alluramsdc1.htm>

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

· * Data compared to the previous version altered.

Section 3 – Composition /Information on ingredients

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 & Chemical Properties

Section 10 – Stability and reactivity

Section 12 - Ecological Information

Section 13 - Disposal Considerations

Section 15 - Regulatory Information