

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No1907/2006

Issue Date: 23.08.2018

Date of Revision: 06.09.2023

Due Date of Revision : 03.04.2026

1 Identification

- **Product identifier**
- **Trade name: D & C Red 33/ Lavanya Hebe**
- **CAS Number:**
3567-66-6
- **EC number:**
222-656-9
- **Application of the substance / the mixture**
Dye
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Windy Point Soap Making Supplies Inc.
14, 6125-12th Street SE
Calgary, AB T2H 2K1
587-318-6678

- **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 Hazard(s) identification

- **Classification of the substance or mixture**
The substance is not classified, according to the Globally Harmonized System (GHS).

- **Label elements**
- **GHS label elements** Not applicable
- **Hazard pictograms** No pictogram
- **Signal word** No signal word
- **Hazard statements** Not applicable
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** No further relevant information available.
- **vPvB:** No further relevant information available.

3 Composition/information on ingredients

- **Chemical characterization: Substances**
- **CAS No. Description**
CAS: 3567-66-6 disodium 5-amino-4-hydroxy-3-(phenylazo)naphthalene-2,7-disulphonate
- **Identification number(s)**
- **EC number:** 222-656-9
- **Additional information:**
Molecular Formula: C₁₆H₁₃N₃O₇S₂.2Na
Molecular Weight: 469.42 g/mole

4 First-aid measures

- **Description of first aid measures**
- **General information:**
Wear proper personal protective equipments.
Take affected persons out into the fresh air.
- **After inhalation:** If breathed in, move out of affected area and supply fresh air.
- **After skin contact:**
Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Thoroughly clean and dry contaminated clothing and shoes before reuse.
- **After eye contact:**
Keep eye wide open while rinsing.
Remove contact lenses.
Flush eyes with plenty of water for at least 15 minutes.
- **After swallowing:**
Immediately rinse mouth and provide fresh air.
Drink plenty of water.
- **Information for doctor:** Treat symptomatically and supportively.
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

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5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture**
*These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂), sulfur oxides (SO₂, SO₃). Some metallic oxides.
Do not inhale explosion and combustion gases. Burning produces heavy smoke.*
- **Advice for firefighters**
- **Protective equipment:**
*Fire fighters should wear positive self contained breathing apparatus.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.*

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
*Ensure adequate ventilation
Keep unnecessary people away, isolate hazard area and deny entry.*
- **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
- **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. Suitable material for taking up: dry and inert absorbing material (e.g. ermiculite, sand, earth). Wash with plenty of water.
- **Reference to other sections**
Refer to section 8 and 13 for additional information on personal protection equipment and disposal methods.
- **Protective Action Criteria for Chemicals**
- **PAC-1:** Substance is not listed.
- **PAC-2:** Substance is not listed.
- **PAC-3:** Substance is not listed.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
*Avoid direct contact with the substance.
Advice on safe handling.*

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Do not breathe dust. Avoid contact with eyes Wear suitable protective clothing

· **Information about protection against explosions and fires:**

Protect from heat.

Provide appropriate exhaust ventilation at places where dust is formed.

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

· **Storage:**

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

Electrical installations / working materials must comply with the technological safety standards.Keep the containers tightly closed.

· **Information about storage in one common storage facility:**

.keep away from oxidizing agents i.e. nitrates, oxidizing acids,chlorine bleaches

Keep separated from incompatible substances.

· **Further information about storage conditions:**

Keep in ambient temperature and dry and well-ventilated place.

· **Specific end use(s) Dye**

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** *No further data; see item 7.*

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:** *Not required.*

· **Additional information:** *The lists that were valid during the creation were used as basis.*

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Good personal hygiene practices should be followed.

The usual precautionary measures for handling chemicals should be followed.

· **Breathing equipment:**

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

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **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:** Eye wash bottle with pure water.
- **Body protection:** Protective work clothing

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:	Solid
· Form:	Powder
· Color:	Red
· Odor:	Characteristic

· **pH-value :** 6 - 8(1% Solution in Water)

· Change in condition

· Melting point/Melting range:	Not applicable
· Boiling point/Boiling range:	Not applicable.

· **Flash point:** The study does not need to be conducted because flash point is only relevant to liquids and low melting point solids.

· **Flammability (solid, gaseous):** Non flammable

· **Auto igniting:** Product is not selfigniting.

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

· **Vapor pressure at 25 °C (77 °F):** 1.002584E-21 Pa

· **Bulk Density :** 0.45 – 0.65 g/cm³ (After tapping)

· **Solubility in / Miscibility with Water at 26 °C (78.8 °F):** 40.0 g/l

· **Partition coefficient (n-octanol/water) at 25 °C (77 °F):** -2.09 log POW

· **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** Avoid heat, flames, sparks and other sources of ignition.

· **Possibility of hazardous reactions**

The substance is considered combustible and may burn if involved in a fire evolving oxious/hazardous decomposition products including oxides of carbon, oxides of nitrogen and halogen containing compounds

· **Conditions to avoid** No decomposition if used according to specifications.

· **Incompatible materials:**

Avoid contact with strong oxidizing agents. i.e. nitrates, oxidizing acids, chlorine bleaches

· **Hazardous decomposition products:**

carbon monoxide (CO), carbon dioxide (CO₂), sulfur oxides (SO_x), other pyrolysis products typical of burning organic material.

11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **Primary irritant effect:**

· **on the skin:** Based on available data, the classification criteria are not met.

· **on the eye:** Based on available data, the classification criteria are not met.

· **Sensitization:** Based on available data, the classification criteria are not met.

· **Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

The substance is not subject to classification.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)** Substance is not listed.

· **NTP (National Toxicology Program)** Substance is not listed.

· **OSHA-Ca (Occupational Safety & Health Administration)** Substance is not listed.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

EC 50 (static)	19.59 mg/L (<i>Chlorella vulgaris</i>) (Toxicity to aquatic algae and cyanobacteria)
LC50 (static)	>100 mg/l (Fish)

· **Persistence and degradability** The substance is non biodegradable.

· **Behavior in environmental systems:**

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Do not allow product to reach ground water, water course or sewage system.

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- **Results of PBT and vPvB assessment**
- **PBT:** No further relevant information available
- **vPvB:** No further relevant information available.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Dispose according to legal requirements.
- **Uncleaned packagings:**
- **Recommendation:** Do not re-use empty containers.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | |
| · DOT, ADR, IMDG, IATA | Not Regulated |
| · UN proper shipping name | |
| · DOT, ADR | Not Regulated |
| · Transport hazard class(es) | |
| · DOT, ADR, ADN, IMDG, IATA | |
| · Class | Not Regulated |
| · Packing group | |
| · DOT, ADR, IMDG, IATA | Not Regulated |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Not Regulated |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- **Section 355 (extremely hazardous substances):** Substance is not listed.
- **Section 313 (Specific toxic chemical listings):** Substance is not listed.
- **TSCA (Toxic Substances Control Act):**
- **Hazardous Air Pollutants** Substance is not listed.
- **Proposition 65**
- **Chemicals known to cause cancer:** Substance is not listed.
- **Chemicals known to cause reproductive toxicity for females:** Substance is not listed.
- **Chemicals known to cause reproductive toxicity for males:** Substance is not listed.
- **Chemicals known to cause developmental toxicity:** Substance is not listed.
- **Carcinogenic categories**
- **EPA (Environmental Protection Agency)** Substance is not listed.
- **TLV (Threshold Limit Value)** Substance is not listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health)** Substance is not listed.
- **GHS label elements** Not applicable
- **Hazard pictograms** No pictogram
- **Signal word** No signal word
- **Hazard statements** Not applicable

- **Other regulations, limitations and prohibitive regulations**
- **International Inventories**
- **Australian Inventory of Industrial Chemicals (AIIC)-listed**
- **China - Chemical Inventory of Existing Chemical Substances (IECSC)-Listed**
- **Mexico - National Inventory of Chemical Substances-Listed**
- **New Zealand - Inventory of Chemicals (NZIoC)-Listed**
- **Philippine Inventory of Chemicals and Chemical Substances (PICCS)-Listed**
- **Taiwan Chemical Substance Inventory (TCSI)-listed**
- **Thailand - First Existing Chemicals Inventory-Listed**
- **Turkish Chemical Inventory-Listed**
- **Chemical safety assessment:**
- **Chemical Safety Report not required as the substance is not classified.**

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 relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

· **Sources**

ECHA <https://echa.europa.eu/substance-information/-/substanceinfo/100.020.597>

Toxplanet <https://chemical-search.toxplanet.com//product-search/listexpert/ei-fts-search/0d335cff-9112-4894-b7ac-21bcc117a0a5>

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