

## Safety Data Sheet

### Neelilake Erythrosine Lake

Version 1.1

Revision Date: 12/14/2020

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** : Neelilake Erythrosine Lake

**Recommended use of the chemical and restrictions on use**

Recommended use : Colouring agent

**Supplier or Repackaging Details**

**Company** : Univar Solutions México, S. de R.L. de C.V.  
**Address** : Av. Xola, número 535, piso 2, Col. Del Valle Norte  
Deleg. Benito Juárez CP 03103  
Ciudad de México  
Mexico

**Manufactured By** : Neelikon Food Dyes & Chemicals Ltd.

**Emergency telephone number:**

Transport North America: CHEMTREC (1-800-424-9300)

CHEMTREC INTERNATIONAL Tel # 703-527-3887

SETIQ 800 00 214 00 / 55 55 59 15 88

**Additional Information:** : Responsible Party: Product Compliance Department  
E-Mail: SDSLA@univarsolutions.com  
SDS Requests: 55 1107 0170  
Website: www.univarsolutions.com

#### SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**

Not a hazardous substance or mixture.

**GHS label elements**

Not a hazardous substance or mixture.

**Other hazards**

None known.

**This SDS was prepared according to NOM-018-STPS-2015.**

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

**Hazardous components**

| CAS-No.    | Chemical name                                                               | Weight percent |
|------------|-----------------------------------------------------------------------------|----------------|
| 12227-78-0 | 2-(3,6-dihydroxy-2,4,5,7-tetraiodoxanthen-9-yl)benzoic acid, aluminium salt | 90 - 100       |

Any concentration shown as a range is due to batch variation.

#### SECTION 4. FIRST AID MEASURES

General advice : Do not leave the victim unattended.  
If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.  
Move to fresh air.

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|                                                             |                                                                                                                                                                                                                                   |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| In case of skin contact                                     | : Wash off with soap and plenty of water.<br>If skin irritation persists, call a physician.                                                                                                                                       |
| In case of eye contact                                      | : Remove contact lenses.<br>Protect unharmed eye.<br>If eye irritation persists, consult a specialist.<br>Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.                                |
| If swallowed                                                | : Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.<br>Do not induce vomiting without medical advice. |
| Most important symptoms and effects, both acute and delayed | : None known.                                                                                                                                                                                                                     |

#### SECTION 5. FIREFIGHTING MEASURES

|                                               |                                                                                                                                                     |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media                  | : Water spray<br>Dry powder<br>Carbon dioxide (CO <sub>2</sub> )<br>Alcohol-resistant foam                                                          |
| Unsuitable extinguishing media                | : High volume water jet                                                                                                                             |
| Hazardous combustion products                 | : Carbon oxides<br>sulfur oxides                                                                                                                    |
| Specific extinguishing methods                | : Standard procedure for chemical fires.<br>Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Special protective equipment for firefighters | : Wear self-contained breathing apparatus for firefighting if necessary.                                                                            |

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

|                                                                     |                                                                                                                                    |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | : Avoid dust formation.                                                                                                            |
| Methods and materials for containment and cleaning up               | : Pick up and arrange disposal without creating dust.<br>Sweep up and shovel.<br>Keep in suitable, closed containers for disposal. |

#### SECTION 7. HANDLING AND STORAGE

|                                                 |                                                                                                                        |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Advice on protection against fire and explosion | : Provide appropriate exhaust ventilation at places where dust is formed.                                              |
| Advice on safe handling                         | : For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area. |
| Hygiene measures                                | : General industrial hygiene practice.                                                                                 |

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Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : No materials to be especially mentioned.

Recommended storage temperature : 5 - 40 °C

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

| CAS-No.    | Components                                                                  | Value type<br>(Form of exposure) | Control parameters / Permissible concentration | Basis             |
|------------|-----------------------------------------------------------------------------|----------------------------------|------------------------------------------------|-------------------|
| 12227-78-0 | 2-(3,6-dihydroxy-2,4,5,7-tetraiodoxanthen-9-yl)benzoic acid, aluminium salt | VLE-PPT (Respirable fraction)    | 1 mg/m3 (Aluminium)                            | NOM-010-STPS-2014 |
| R7         |                                                                             | TWA (Respirable fraction)        | 1 mg/m3 (Aluminium)                            | ACGIH             |

### Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter type : Particulates type

Eye protection : Safety glasses

Skin and body protection : Protective suit

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : fine powder

Colour : red

Odour : characteristic

Odour Threshold : No data available

pH : No data available

Freezing point : No data available

Boiling point (Boiling point/boiling range) : 625.6 °C (1158.1 °F) (1013 hPa)

Flash point : 332.1 °C (629.8 °F)

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit : No data available

Lower explosion limit : No data available

Vapour pressure : negligible

Relative vapour density : No data available

Relative density : No data available

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|                                        |                     |
|----------------------------------------|---------------------|
| Density                                | : No data available |
| Solubility(ies)                        |                     |
| Water solubility                       | : insoluble         |
| Solubility in other solvents           | : No data available |
| Partition coefficient: n-octanol/water | : No data available |
| Auto-ignition temperature              | : No data available |
| Thermal decomposition                  | : No data available |

#### SECTION 10. STABILITY AND REACTIVITY

|                                    |                                                                      |
|------------------------------------|----------------------------------------------------------------------|
| Reactivity                         | : No dangerous reaction known under conditions of normal use.        |
| Chemical stability                 | : Stable under normal conditions.                                    |
| Possibility of hazardous reactions | : No hazards to be specially mentioned.                              |
| Conditions to avoid                | : Keep away from heat, flame, sparks and other ignition sources.     |
| Incompatible materials             | : nitrates<br>Oxidizing agents                                       |
| Hazardous decomposition products   | : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). |

#### SECTION 11. TOXICOLOGICAL INFORMATION

##### Further information

##### Product:

Remarks: No data available

#### SECTION 12. ECOLOGICAL INFORMATION

##### Ecotoxicity

No data available

##### Persistence and degradability

##### Components:

##### **12227-78-0:**

Biodegradability : Remarks: Not readily biodegradable.

##### Bioaccumulative potential

No data available

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#### Mobility in soil

No data available

#### Other adverse effects

##### Product:

Additional ecological information : No data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.  
For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Univar Solutions ChemCare: 1-800-909-4897

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## SECTION 14. TRANSPORT INFORMATION

**DOT (Department of Transportation):** Not regulated as a dangerous good

**MX-DG(Mexico Road Transportation):** Not regulated as a dangerous good

**IATA (International Air Transport Association):** Not regulated as a dangerous good

**IMDG (International Maritime Dangerous Goods):** Not regulated as a dangerous good

#### Special precautions for user

Not applicable

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## SECTION 15. REGULATORY INFORMATION

#### The components of this product are reported in the following inventories:

TSCA : not determined

DSL : not determined

AICS : not determined

NZIoC : not determined

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|       |                  |
|-------|------------------|
| ENCS  | : not determined |
| KECI  | : not determined |
| PICCS | : not determined |
| IECSC | : not determined |

#### SECTION 16. OTHER INFORMATION

##### Further information

Other information : The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Univar Solutions Product Compliance Department (55 1107 0170) [SDSLA@univarsolutions.com](mailto:SDSLA@univarsolutions.com).

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

##### Key or legend to abbreviations and acronyms used in the safety data sheet

|       |                                                         |       |                                                     |
|-------|---------------------------------------------------------|-------|-----------------------------------------------------|
| ACGIH | American Conference of Government Industrial Hygienists | LD50  | Lethal Dose 50%                                     |
| AICS  | Australia, Inventory of Chemical Substances             | LOAEL | Lowest Observed Adverse Effect Level                |
| DSL   | Canada, Domestic Substances List                        | NFPA  | National Fire Protection Agency                     |
| NDSL  | Canada, Non-Domestic Substances List                    | NIOSH | National Institute for Occupational Safety & Health |
| CNS   | Central Nervous System                                  | NTP   | National Toxicology Program                         |
| CAS   | Chemical Abstract Service                               | NZIoC | New Zealand Inventory of Chemicals                  |

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|        |                                                          |                          |                                                                                      |
|--------|----------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------|
| EC50   | Effective Concentration                                  | NOAEL                    | No Observable Adverse Effect Level                                                   |
| EC50   | Effective Concentration 50%                              | NOEC                     | No Observed Effect Concentration                                                     |
| EGEST  | EOSCA Generic Exposure Scenario Tool                     | OSHA                     | Occupational Safety & Health Administration                                          |
| EOSCA  | European Oilfield Specialty Chemicals Association        | PEL                      | Permissible Exposure Limit                                                           |
| EINECS | European Inventory of Existing Chemical Substances       | PICCS                    | Philippines Inventory of Commercial Chemical Substances                              |
| MAK    | Germany Maximum Concentration Values                     | PRNT                     | Presumed Not Toxic                                                                   |
| GHS    | Globally Harmonized System                               | RCRA                     | Resource Conservation Recovery Act                                                   |
| >=     | Greater Than or Equal To                                 | STEL                     | Short-term Exposure Limit                                                            |
| IC50   | Inhibition Concentration 50%                             | SARA                     | Superfund Amendments and Reauthorization Act.                                        |
| IARC   | International Agency for Research on Cancer              | TLV                      | Threshold Limit Value                                                                |
| IECSC  | Inventory of Existing Chemical Substances in China       | TWA                      | Time Weighted Average                                                                |
| ENCS   | Japan, Inventory of Existing and New Chemical Substances | TSCA                     | Toxic Substance Control Act                                                          |
| KECI   | Korea, Existing Chemical Inventory                       | UVCB                     | Unknown or Variable Composition, Complex Reaction Products, and Biological Materials |
| <=     | Less Than or Equal To                                    | WHMIS                    | Workplace Hazardous Materials Information System                                     |
| LC50   |                                                          | Lethal Concentration 50% |                                                                                      |