

---

## 1. COMPANY AND PRODUCT IDENTIFICATION

Product name	<b>ALUMINIUM LACTATE</b>
Substance name	Aluminium lactate
Recommended use	For textile treatment as a mordant. For dyeing, printing fabrics. Also used for cosmetics or personal care products. Do not use for food.
Supplier	GREEN'ING Agora Bât. 2, ZA André Malraux, Av. de la gare 34600 34600 HERAPIAN FRANCE
Telephone	+33 (0)6 62 49 61 62
Email	contact@green-ingredients.com
Emergency telephone	ORFILA + 33 (0)1 45 42 59 59

---

## 2. HAZARDS IDENTIFICATION

This product is stable in normal use. No specific hazards are encountered under normal product use.

### 2.1. Classification of the substance or mixture

According to EC Directive 1272/2008

Skin irritation, 2

Eye irritation, 2

Respiratory irritation, 3

H315 : Causes skin irritation.

H319 : Causes serious eye irritation.

H335 : May cause respiratory irritation.

### 2.2. Label elements



**GHS07**

Signal word :

Warning

Hazard statements :

H315 : Causes skin irritation.

H319 : Causes serious eye irritation.

H335 : May cause respiratory irritation.

Precautionary statements :

#### Prevention

P264 – Wash thoroughly the skin after handling.

P280 : Wear protective gloves/protective clothing/eye protection/face protection.

#### Intervention

P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 : If eye irritation persists: Get medical advice/attention.

**2.3. Other dangers :**

May cause dust.

---

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical nature of the preparation Aluminium trilactate, manufactured from lactic acid from natural origin (i.e. produced from molasses from the sugar production or from the starch industry or from the lactose separated from milk).

Substances	Substance Name	CAS #	EINECS / EC #
	Aluminium trilactate	18917-91-4	242-670-9

REACH status Registered # 01-2119970564-30-000X

---

### 4. FIRST AID MEASURES

**Skin** Wash thoroughly with mild soap and plenty of water.  
**Eyes** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if ill or irritation develops.  
**Ingestion** Rinse mouth. If victim is conscious and alert, give 2-3 cups of water. If symptoms develop, get medical attention. Get medical attention if ill effect develops.  
**Inhalation** Move individual away from exposure and into fresh air. Get medical advice if cough or other symptoms appear.

---

### 5. FIRE FIGHTING MEASURES

Recommended extinguishing media : water, foam, carbon dioxide, extinguishing powder.  
Unsuitable extinguishing media: Water spray.  
Irritating smoke may develop. Possible release of carbon monoxide (CO).  
Do not inhale smokes.

---

### 6. ACCIDENTAL RELEASE MEASURES

Personal: Use personal protective equipment.  
Methods of cleaning: Clean up spills and collect in an appropriate container. Dilute residues and flush.  
Do not discharge into drains, surface water and underground water tables.

---

### 7. HANDLING AND STORAGE

Handling : Avoid the formation of dust. Do not inhale dust. Avoid contact with skin and eyes.  
Storage : Keep container in a cool, well-ventilated area.

---

### 8. CONTROL OF EXPOSITION / PERSONAL PROTECTION

Wear appropriate protective equipment: Safety glasses, gloves, respiratory and clothing protections.  
A full-face respirator is not necessary if the room is well-ventilated.

OELV 2 mg/m<sup>3</sup>

DNEL Oral : 1,56 mg/kg of body weight / day (consumer - long-term exposure)

DNEL Dermal : 15,58 mg/kg of body weight / day (consumer - long-term exposure)

31,15 mg/kg of body weight / day (worker)

Creation : 28/08/2020

Revision : 10/01/2022

DNEL Inhalation : 2,58 mg/m<sup>3</sup> (consumer)  
2,58 mg/m<sup>3</sup> (worker - long-term exposure)  
PNEC 0,55 mg/l µg/l (Fresh water); 0,55 mg/l µg/l (Marine water)

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (colour)	White powder
Odor	Odorless
pH	3.0 at 20°C (sol. 5%)
Solubility	50 g/L in water at 20°C
Auto ignition	Not determined
Flash point	Not determined
Density	Not determined

---

## 10. STABILITY ET REACTIVITY

Stability: stable in normal conditions of use and storage. No decomposition if the product is stored in the recommended conditions.

Dangerous products of decomposition : Carbon monoxide, carbon dioxide, aluminium oxide smokes.

---

## 11. TOXICOLOGICAL INFORMATION

11.1. Toxicological effects :

Acute toxicity : LD50 (oral - rat) : > 2000 mg/kg

Irritation :

- skin : Skin irritating.
- eye : Eye irritating.

Sensibilisation : No data available.

Carcinogenicity : No data available.

Mutagenicity : No data available.

---

## 12. ECOLOGICAL INFORMATION

12.1. Toxicity

In the usual conditions, no danger is known.

General indications: Water pollution category 1 (D) (classification according to list): little polluting

Do not allow the product, undiluted or in large quantities, to penetrate the water table, water or drains

12.2. Persistence and degradability

No data available.

12.3. Potentiel of bioaccumulation

No data available.

12.4. Mobility in soil

No data available.

Creation : 28/08/2020

Revision : 10/01/2022

12.5. Results of PBT and vPvB assessment  
Not available.

12.6. Other adverse effects  
No data available.

---

### 13. DISPOSAL CONSIDERATIONS

Follow local waste disposal regulations.

---

### 14. TRANSPORT INFORMATION

The product is not classified as dangerous according to transport regulations. The product is not subject to international regulations UN, RID, ADR, IMDG, ADN and IATA.

---

### 15. REGULATORY INFORMATION

15.1. Specific regulations or legislation of the substance or mixture related to safety, health and environment

Europe - ECHA:

European Inventory of Existing Chemical Substances (EINECS): 242-670-9

Regulation (EC) N° 649/2012 - Importation of dangerous chemical products : Not listed

USA:

Toxic Substance Control Act (TSCA): ACTIVE

Toxic Substance Control Act new (TSCA 21st century): ACTIVE/EXEMPT

Canada:

Canadian Domestic Substances List (DSL): Not listed

Japan:

Existing Chemical Substances (Japan) 2-1376

PRTR Law : Not listed

China:

Chinese Chemical Inventory of Existing Chemical Substances : Listed

---

### 16. ADDITIONAL INFORMATION

This MSDS was established according to Regulation (EC) 1907/2006 REACH and Regulation (EC) 1272/2008 CLP.

The information of this MSDS corresponds to the current state of our knowledge and satisfy the national legislation and of the European Union. They complete the specification sheets of use but do not replace them.

Users should make their own investigations to determine the suitability of the information for their particular purposes. Our company shall not be held liable for any damage resulting from handling of from contact with the above product.