SAFETY DATA SHEET

Compliant with REACH (CE) n° 1907/2006 – n°2020/878

Version: 3.1 Emission date: 04/06/2018 Revision date: 15/11/2023

SECTION 1: Identification of the substance/mixture and of the company

1.1. Product identifier

Product trade name	: **LERA RÖD**
Product code	: O4103
INCI	: Illite
N°CAS	: 12173-60-3
N°CE	: /
N°Enregistrement REACH	: This product is exempt under Annex V, Chapter 7 of REACH Regulation (EC) No. 1907/2006 - (naturally occurring substance, non-chemically modified substance).

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use: Ingredient for cosmetic products
Uses advised against: No information

1.3. Details of the supplier of the safety data sheet

Opella AB
Lundavägen 1
24750 Dalby, Sweden
Tél : +46 (0) 8 1215 1215
E-mail : info@opella.se

1.4. Emergency telephone number

Emergency phone number (Sweden) : 112

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) n° 1272/2008 (CLP/GHS):

This material is not hazardous according to EU regulations.

Additional information on classification: None

2.2. Label elements

Hazard pictograms (CLP)

Signal word: (CLP) : None.
Hazard statements: (CLP) : None
Precautionary statements:
P260: Do not breath dust.
P270: Do not eat, drink or smoke when using this product.

Response: : None
Storage: : None
Disposal: : None
Hazardous ingredient: : None

2.3. Others hazards

Other hazards: None.

SECTION 3 : Composition/information on ingredients

3.1. Chemical composition

Component	Identification of the product	%	Classification according to EC n°1272/2008 [CLP]
Illite	CAS : 12173-60-3 CE : /	100	

3.2. Mixture

.Not applicable

See section 16.

SECTION 4 : First Aid

4.1. First Aid Measures

Inhalation : Remove to fresh air. If continued respiratory irritation occurs or if breathing becomes difficult, seek medical attention

Skin contact : Wash off with soap and water, then continue to flush with water for 1 minute

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Eyes contact : Hold eyelids open, flush with water and flush with steady, gentle stream for at least 1-2 minutes. Seek medical attention if irritation persists.

Ingestion : Rinse mouth. Do not induce vomiting. Consult a doctor urgentely and show the label.

Protection of rescuers : No special advice

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after skin contact : Generally does not cause skin irritation

Symptoms/injuries after eye contact : Generally, the product does not irritate the eyes

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor: Do not induce vomiting. Rinse mouth. Wash contact areas with soap and wate
Special treatment. First aid, decontamination, treatment of symptoms

SECTION 5 : Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing media: : Use foam, dry chemical, water-spray or carbon dioxide. Select extinguishing agent appropriate to other materials involved. Keep containers and surroundings cool with water spray..

Unsuitable Extinguishing media: : None.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards : The product is not flammable. Burning produces noxious and toxic fumes.

Hazardous Decomposition Products: : If heated to high temperature, this product may emit: smoke, soot and toxic fumes.

5.3. Advice for firefighters

Wear full protective clothing and self-contained breathing apparatus

SECTION 6 : Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal Protection : Do not breath dust. Avoid contact with skin and eyes.

Emergency procedure : Avoid dust formation. Ensure adequate ventilation.

6.1.2. For emergency responders

Personal Protection : Wear full protective clothing and self-contained breathing apparatus.

Emergency procedure : Avoid dust formation. Ensure adequate ventilation.

6.2. Environmental precautions

Environmental precautionary measures : Avoid dust dispersion to the environment.

Spillage: : Step to be taken in case of material is released or spilled. Spilled particles present a severe slip hazard. Wear appropriate protective equipment. Contain the spill or leak. Sweep up and place in container. Avoid raising dust. prevent entry into drinking water pipes. Dike using suitable barriers, sand or earth. Avoid release into the environment.

6.3. Methods and material for containment and cleaning up

Cleaning method : Vacuum (to avoid raising dust) the spilled product. to avoid to wet the product, the wet clay becomes slippery . .

6.4. Reference to other sections

See section 8. Personal protection equipment:

SECTION 7 : Handling Storage

7.1. Precautions for safe handling

Handling : Minimize dust generation and use adequate ventilation. When room ventilation is insufficient, wear suitable respiratory equipment. Avoid contact with eyes. The material can be slippery when wet. The product is non-flammable, no special fire protection measures are recommended .

General occupational hygiene : Do not eat, drink and smoke in work area. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas

7.2. Conditions for safe storage, including any incompatibilities

Storage : Store in the original closed packaging in cool, dry, ventilated area..

Incompatibilities :Aluminum or metal

Conservation : 3 years after opening under recommended storage conditions.

7.3. Specific end use(s)

Observe instructions for use.

SECTION 8 : Exposure Controls / Personal protection

8.1. Control parameters

Substance	Argile
VLEP, 8h Total dust (10-100 µm)	10 mg/m^3
VLEP, 8h alveolar dust (<0,5 µm)	5 mg/m^3

8.2. Exposure controls

Personal Protective Equipment : Avoid unnecessary exposure

Hand protection : For prolonged or repeated skin contact, wear gloves

Eye protection : Wear safety goggles if dust is generated.

Skin and body protection	: Avoid contact with skin. Wear protective clothing to choose
Respiratory protection	: In case of exposure to dust at levels above the limits regulations, wear a respiratory protection device with a particle filter.
Other information	: Do not eat, drink or smoke during use.

SECTION 9 : Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical State:	: Powder
Colour	: Red
Odour	: Characteristic.
pH	: ± 7.5
Density	: ± 0.95 g/cm^3
Melting point (°C)	: Not available
Boiling point (°C)	: Not available
Flash point (°C)	: Not available
Flammability	: Not available.
Solubility	: Not available

9.2. Other information

None.

SECTION 10 : Stability and Reactivity

10.1. Reactivity

No dangerous reaction under normal conditions of use.

10.2. Chemical Stability

Stable under normal conditions See section 7.

10.3. Possibility of hazardous reactions

No hazards to be specially mentioned.

10.4. Conditions to avoid

Water: forms oily, slippery layers with water. .

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None known

SECTION 11 : Toxicological Information

11.1. Information on toxicological effects

Acute toxicity	: No data available
Skin corrosion/irritation	: Non-irritating.
Serious eye damage/irritation	: May cause eye irritation..
Respiratory or skin sensitisation:	: Non classé Not hazardous.
Germ cell mutagenicity	: Non mutagenic.
Carcinogenicity	: Not known to be carcinogenic.
Reproductive tocixity	: Non classé Not hazardous

STOT-single exposure : No data available.

STOT-repeated exposure : No data available

Aspiration hazard : Not hazardous

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SECTION 12 : Ecological information

12.1. Toxicity

Toxicity to fish : No data available
Toxicity to daphnia and other aquatic invertebrates : No data available
Toxicity to algae : No data available
Toxicity to microorganisms : No data available

Based on available data the criteria for classification are not met.

12.2. Persistence and degradability

100 % natural substance : significant effects or critical hazards are not known

12.3. Bioaccumulative potential

No data available

12.3. Bioaccumulative potential

This mixture does not contain any substance considered as PBT or vPvB . Chemical safety is not required

12.6. Other adverse effects

No data available.

SECTION 13 : Disposal considerations

13.1. Waste treatment methods:

Waste materials shall be treated in accordance with local/national reglementations

Do not mix with any other waste.

SECTION 14 : Transport Information

In accordance with ADR / RID / IMDG / IATA / ADN.

14.1. ONU Number

Not dangerous for transport.

14.2. Transport hazard class

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Dangerous for the environment: No
Marine pollutant: No
Other information: No additional information available

14.6. Précautions particulières à prendre par l'utilisateur

14.6.1. Land transport

Not dangerous for transport

14.6.2. Inland waterway

Not dangerous for transport .

14.6.3. Air transport

Not dangerous for transport .

14.6.4. Sea transport

Not dangerous for transport

14.7. Transport en vrac conformément à l'annexe II de la convention MARPOL et au recueil IBC

Transport in accordance with annex II of MARPOL 73/78 and the IBC code

SECTION 15 : Regulatory information

15.1. EU regulations

REACH Regulation (EC) n°1907/2006 – Annex V, chapter 7: this product is exempt (substance present in nature, substance not chemically modified)

15.2. National Directives

Pas d'informations complémentaires disponibles.

15.3. Chemical safety assessment

No chemical safety assessment

SECTION 16 : Other information

Data sources : Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) n°2020/878

Other information : No

Textes phrases H- & EUH :

Acronyms and abbreviations

ADR: Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative
FDS UE (Annexe II REACH)

This information is based on our current knowledge and describes the product for the purposes of health, safety and the environment only and is not to be considered as a warranty or quality specification. It should therefore not be interpreted as guaranteeing any specific property of the product and do not give rise to a contractual legal relationship.
No responsibility or liability can be accepted for factors outside our knowledge and control. Guarantees of product characteristics must be expressly described in writing. No guarantee is given that the product is suitable for any particular application. Users remain solely responsible for assessing the suitability of the product for the intended application and compliance with legal requirements applying to such application.