



Material Safety Data Sheet

Trade Name: EndoGrade Ovalbumin

Version: 20190316

Status: 16.03.2019

1.) Identification of the substance/preparation and company

Product details

Trade name

EndoGrade Ovalbumin

Cat. No. LET0027

Cat. No. LET0028

Cat. No. LET0029

Use

For laboratory & research use only.

Identification of the manufacturer / supplier

Address

LIONEX GmbH, Salzdahlumer Str. 196, Geb. 1A ,38126 Braunschweig

Tel: +49 531 260 12 66 Fax: +49 531 6180654

Information provided by / telephone

+49 (0)531 260 12 66

Emergency telephone number

+49 (0)531 260 12 66

Centre of Detoxification: Mainz +49-6131-232466 or -232467 / Munich +49-89-19240

2.) Composition / information on ingredients

Chemical characterization

Albumin from chicken egg white, Purity > 98%

CAS no.

9006-59-1

EC no.

232-692-7

3.) Hazards identification

No hazardous according to Directive 67/548/EC. Good laboratory procedures are recommended when handling this compound.

4.) First aid measures

After inhalation

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

After skin contact

In case of contact, immediately wash skin with soap and copious amounts of water.

After eye contact

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

After ingestion

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

5.) Firefighting measures

Suitable extinguishing media

Water spray. Dry chemical powder or appropriate foam.

Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases

Emits toxic fumes under fire conditions.

Special protective equipment for fire fighting

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6.) Accidental release measures

Methods for cleaning up/taking up

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7.) Handling and storage

Handling

Advice on safe handling

Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage

Storage conditions

Keep tightly closed. Store at 2-8 °C

8.) Exposure controls / personal protection

Engineering Controls

Safety shower and eye bath. Mechanical exhaust required.

General Hygiene Measures

Wash thoroughly after handling.

Personal protective equipment

Respiratory protection

Wear dust mask.

Hand protection

Protective gloves

Eye protection

Chemical safety goggles.

9.) Physical and chemical properties

General information

Form	lyophilized
Color	white

Important health, safety and environmental information

Changes in physical state: no data available

Density: no data available

Solubility in water

Remarks	soluble
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pH value: no data available

10.) Stability and reactivity

Stability

Stable.

Materials to Avoid

Strong oxidizing agents.

Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide.

Hazardous Polymerization

Has not been reported.

11.) Toxicological information

RTECS Number: AY9384000

Acute Toxicity

LD50 – Oral – Mouse: > 24000 mg/kg

Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste): Eye: Etosis.

Behavioral: Somnolence (general depressed activity).

Lungs, Thorax, or Respiration: Respiratory depression.

LD50 – Subcutaneous – Mouse: > 24 GM/kg

Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste): Eye: Etosis.

Behavioral: Somnolence (general depressed activity).

Lungs, Thorax, or Respiration: Respiratory depression.

LD50 – Intravenous – Mouse: > 18 GM/kg

Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste): Eye: Etosis.

Behavioral: Somnolence (general depressed activity).

Lungs, Thorax, or Respiration: Respiratory depression.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Route of Exposure

Skin Contact

May cause skin irritation.

Skin Absorption

May be harmful if absorbed through the skin.

Eye Contact

May cause eye irritation.

Inhalation

May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion

May be harmful if swallowed.

12.) Ecological information**General information / ecology**

No data available.

13.) Disposal considerations**Product**

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

Packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

14.) Transport information**RID/ADR**

Non-hazardous for road transport.

IMDG

Non-hazardous for sea transport.

IATA

Non-hazardous for sea transport.

15.) Regulatory information**European/International Regulations****European Labeling in Accordance with EC Directives Hazard Symbols:**

Not available.

WGK (Water Danger/Protection)

16.) Other information

Warranty

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall LIONEX be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if LIONEX has been advised of the possibility of such damages. Copyright 2019 LIONEX GmbH.

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