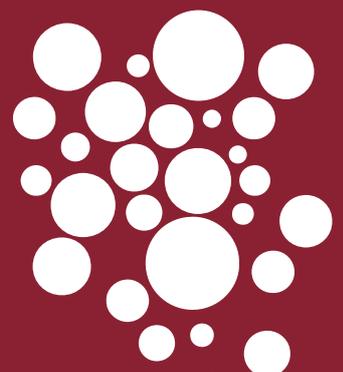




# Leca<sup>®</sup> LWA

## - Safety Data Sheet - Lightweight Expanded Clay Aggregate

[www.SpecialistAggregates.com](http://www.SpecialistAggregates.com)



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## 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

**Trade name:** Leca® LWA

**Product Code:** 7892, 7890 & 7887

**Relevant identified uses of the substance or mixture:**

Lightweight backfill including underfloor, or green roof and horticultural applications.

Component of lightweight concrete

**Details of the supplier of the safety data sheet:**

Specialist Aggregates Ltd - Rydal House - Colton Road - Rugeley - WS15 3HF

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## 2 COMPOSITION / INFORMATION ON INGREDIENTS

### Chemical Characterization

**Description:** 93769-70-3 Aluminiumsilikat

**Additional Information:** For the wording of the list risk phrases refer to section 16



## 3 HAZARDS IDENTIFICATION

**Hazard Description:** Not applicable

**Information concerning particular hazards for human and environment:** Not regarded as a health or environmental hazard under current legislation.

**Classification:-**

## 4 FIRST AID MEASURES

**General: Information:** No specific measures required

**After Inhalation:** Supply fresh air, Get medical attention if any discomfort continues

**After skin contact:** Generally the product does not irritate the skin

**After eye contact:** Immediately rinse with water. Continue to rinse for at least 15 minutes Get medical attention if any discomfort continues

**After Swallowing:** Rinse mouth thoroughly. Drink plenty of water. DO NOT induce vomiting. Get medical attention if and discomfort continues.



## 5 FIREFIGHTING MEASURES

**Suitable extinguishing agents:** This product is not flammable. Use fire extinguishing methods suitable to surrounding conditions.

### ADVICE FOR FIREFIGHTERS

**Protective equipment:** Use methods suitable to surrounding conditions.

## 6 ACCIDENTAL RELEASE MEASURES

**Person-related safety precautions:** Not required.

**Measure for environmental protection:** No special measures required.

**Measures for cleaning/collecting:** Pick up mechanically

**Additional information:** No dangerous substances are released.

## 7 HANDLING AND STORAGE

**Precautions for safe handling:** No special measures required.

**Information about fire - and explosion protection:** No special measures required.

### STORAGE

**Requirements to be met by store rooms and receptacles:** No special measures are required

**Information about storage in one common storage facility:** Not required.

**Further information about storage:** None

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Additional information about design of technical facilities:** No further data see item 7.

**Ingredients with limit values that require monitoring at the workplace:** Not required

### PERSONAL PROTECTIVE EQUIPMENT

**General protective and hygienic measures:** Avoid contact with eyes.

**Respiratory protection:** Not required

**Eye protection:** Safety glasses

**Hand protection:** Protective gloves

**Body Protection:** Protective work clothing



## 9 PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE:

**Form:** Granule

**Colour:** Gray / Reddish Brown

**Odour:** Odourless

### CHANGE IN CONDITION

**Melting point/Melting range:** Ca. 1100°C[DIN ISO 3016]

**Boiling point/Boiling range:** Undetermined.

**Flash point:** Not applicable

**Self-igniting:** Product is not selfigniting.

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

**Volitile by volume (%):** Not determined.

**Density at 20°C:** Not determined.

**Bulk density:** 4 -10mm (*Product code: 7890*): 330kg/m<sup>3</sup>  
10 -20mm (*Product code: 7892*): 280kg/m<sup>3</sup>

**Solubility in/Miscibility with Water:** Not miscible or difficult to mix

**pH-value at 20°C:** N/A.

**Viscosity: dynamic at 20°C:** Not determined

**Kinematics:** Not determined

**Solvent separation test:** N/A

**Addition information:** None



## 10 STABILITY AND REACTIVITY

**Thermal decomposition / conditions to avoid:** No decomposition if used according to specification.

**Dangerous reactions:** No dangerous reaction known.

**Dangerous decomposition products:** No dangerous decomposition products known.

## 11 TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

#### Primary irritant effect:

**On skin:** No irritant effect.

**On eyes:** No irritating effect.

**Ingestion:** May cause discomfort if swallowed.

**Inhalation:** May cause some discomfort in poorly ventilated areas.

**Additional toxicological information:** The substance is not subject to classification according to the latest version of the EU list.



## 12 ECOLOGICAL INFORMATION

### Information about elimination (persistence and degradability)

**Other information:** The product is difficultly biodegradable

## 13 DISPOSAL CONSIDERATIONS

**Recommendation:** Smaller quantities can be disposed of with household waste.

**European waste catalogue:** Possible waste code.

**10 12 08** - Waste ceramics, brick, tiles and construction products [after thermal processing]

**Uncleaned packaging:** Dispose of packaging according to regulations on the disposal of packaging.

## 14 TRANSPORT INFORMATION

**Land transport ADR/RID and GGVS/GGVE (cross-border/domestic) ADR/RID-GGVS/E Class:** -

**Maritime transport IMDG/GGVSea IMDG/GGVSea Class:** -

**Air transport ICAO-TI and IATA-DGR ICAO/IATA Class:** -

No transport warning sign required

## 15 REGULATORY INFORMATION

**Labelling according to EU guidelines:** The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV)

## 16 REGULATORY 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.**

**Information Source:** Leca® LWA Safety data sheet EX1 - Date of Printing 29-07-09

**Trade name:** Leca® LWA

### ABBREVIATIONS AND ACRONYMS:

**ADR:** Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

**RID:** Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

**IMDG:** International Maritime Code for Dangerous Goods

**IATA:** International Air Transport Association

**IATA-DGR:** Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

**ICAO:** International Civil Aviation Organization

**ICAO-TI:** Technical Instructions by the "International Civil Aviation Organization" (ICAO)

**GHS:** Globally Harmonized System of Classification and Labelling of Chemicals

**Specialist Aggregates Ltd Issue Date:** 28-01-16



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