Leca® LWA

- Safety Data Sheet -
Lightweight Expanded Clay Aggregate

www.SpecialistAggregates.com
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
T: 01889 580 660 F: 01889 580 661
W: www.SpecialistAggregates.com E: enquiries@SpecialistAggregates.com

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: 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.
2  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/collection: 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
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 self-igniting.
Danger of explosion: Product does not present an explosion hazard.
Volatile by volume (%): Not determined.
Density at 20°C: Not determined.
Bulk density: 4 - 10mm (Product code: 7890): 330kg/m³
10 - 20mm (Product code: 7892): 280kg/m³
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

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.

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.
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

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