



Index

1. Product and company/business identification
2. Hazards identification
3. Composition/information on ingredients
4. First aid measures and symptoms caused by the product
5. Fire-fighting measures
6. Handling and storage
7. Exposure controls/personal protection
8. Physical and chemical properties
9. Stability and responsiveness
10. Toxicological information
11. Ecological information
12. Disposal considerations
13. Transport information
14. Regulatory information
15. Other information

1. Identification of the product and of the undertaking company

The information in this document is provided to pursuant to art. 32 of the REACH regulation.

Product identifier

Product name..... Lapitec®

Details of the supplier of the Article Information data Sheet

Name..... Lapitec S.p.A.
Full address..... Via Bassanese, 6
District and Country..... 31050 Vedelago (TV), Italia
Telephone..... +39 0423 703811
E-mail address of the competent person responsible for the Article Information data Sheet..... info@lapitec.com

2. Hazards identification

Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements) due the product being considered an article, it is therefore outside of the limits of the requirements. Therefore drawing up a label in accordance with the provisions of Title III of CLP regulation is not necessary.

Other hazards

If the product is to be cut or milled, adopt suitable risk management measures in case there is the generation of dust.

3. Composition/information on ingredients

The product described in this document is a sintered stone slab. Lapitec® is a calcium and potassium silico-aluminate, free from crystalline silica.

4. First aid measures

The described article is not hazardous to humans due to its form and chemical composition, which makes it difficult to ingest, inhale, or absorb through the skin. The following measures apply only in emergency cases where the product becomes powdery during processing, and the dust comes into contact with the body.

Eyes: Immediately wash the eyes with liberally with water. Consult a doctor in case of persistent irritation.

Skin: Wash the affected area with water and soap.

Inhalation: If symptoms such as difficulty breathing or respiratory irritation occur, move the person to fresh air. Consult a doctor if symptoms persist.

Ingestion: Seek medical attention in case of significant ingestion.

5. Firefighting measures

Extinguishing media

The product is non-flammable, therefore, no specific extinguishing media are required.

6. Handling and storage

Precautions for safe handling

General principles

Lapitec® slabs and final products do not generate dust and do not pose a risk or danger to health when transported, shipped, or used by the end customer. It is the responsibility of the company purchasing Lapitec® to provide its employees/workers with all the necessary information, equipment, and safety measures to protect them from exposure to inhalable dust. Employees/workers must strictly adhere to all safety instructions during processing/cutting.

Equipment

The use of water is the best solution to prevent the formation of airborne dust. Whenever possible, always use water for processes such as cutting, polishing, profiling, and finishing Lapitec®

- Use water equipped tools and machines for both manual and automatic processing.
- The water spary must be ample and well-directed.

Installing Lapitec® tops

Every Lapitec item must be worked on in the factory rather than on site.

- After the manufacturing process, it is important to wash the processed items with plenty of clean water (not recycled), and carefully dry them.
- If residue is still present on the surface of the items before packaging/shipping, it is recommended to use an acid-based detergent with a microfiber cloth or non-abrasive sponge.
- Absolutely avoid the application of any kind of covering or toning treatments. Lapitec, in fact, does not require any further treatment of the surface.
- The Lapitec® top should leave the workshop only after all possible processing operations have been performed at the production facility. On site processing should be avoided.
- Check measurements before cutting the work piece so that it does not need to be modified on site during installation.
- If the surface is to be finished on site, the finishing work must be performed outdoors or in a well ventilated area, always using all the necessary personal protective equipment to protect the eyes, hearing, and respiratory tracts.
- If dry processing is unavoidable, use a portable dust extraction system.

- When collecting the processing waste, clean the surfaces thoroughly and do not create dust.

7. Exposure controls/personal protection

Threshold limit values (CLV)

Inert dust

TLV – ACGIH: 3 mg/m³ for the respirable fraction; 10 mg/m³ for the inhalable fraction.

Control parameters

Reference standards:

	TLV-ACGIH.....	ACGIH 2019
EU	Europe.....	Dir (UE) 2019/130

Exposure controls

Filtration systems and local ventilation

Where it is not possible to avoid the formation of dust during the production process, use appropriate filtration and ventilation systems to capture breathable dust particles.

PPE personal protective equipment

If adequate preventive measures have not been implemented, workers must wear personal protective clothing and protective devices which must be used and replaced according to the manufacturer's instructions.

8. Physical and chemical properties

Information on basic physical and chemical properties

Appearance.....Solid, slab.

9. Stability and reactivity

The product is stable in normal conditions of use and storage.

10. Toxicological information

Information on toxicological effects

During dry processing, inhalable and/or respirable dust can be formed.

Inert or nuisance dusts (PNOR or PNOC - Particulates not otherwise regulated/classified) are insoluble or poorly soluble in water or lung fluids. They have low toxicity, i.e. they are not cytotoxic, genotoxic or otherwise chemically reactive with lung tissue.

If there are substances in the dust present in the workplace that do not have the characteristics described above, the dust cannot be defined as 'inert or nuisance' and consequently the occupational exposure limits do not apply. Although biologically inactive and unable to cause significant organic diseases, it is now recognised that inert dusts, whether mineral or inorganic in nature, can have adverse effects when inhaled.

11. Ecological information

Use according to good working practices, avoiding the dispersion of the product into the environment. Notify the competent authorities if the product has reached watercourses or has contaminated soil or vegetation.

12. Disposal considerations

Waste treatment methods

Lapitec® is an inert material and a non-hazardous waste. However, the provisions of national and regional regulations for disposal must be observed.

13. Transport information

The product is not considered dangerous under the provisions governing the transport of dangerous goods by road (ADR), by rail (RID), sea (IMDG Code), and air (IATA).

14. Regulatory information

Legislative and regulatory provisions regarding health, safety, and environment specific to the product.

Seveso III Directive 2012/18/EU.....None

Restrictions on the product or contained substances according to Annex XVII of Regulation (EC) No. 1907/2006.....None

Substances on the Candidate List (Art. 59 of REACH)
.....According to the available data, the product does not contain SVHC substances above 0.1%.

Substances subject to authorisation (Annex XIV REACH)None

Substances subject to export notification Reg. (EU) No. 649/2012None

Substances subject to the Rotterdam ConventionNone

Substances subject to the Stockholm ConventionNone

Health checksInformation not available

15. Other information

Legend

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- CAS NUMBER: CAS NUMBER: Chemical Abstracts Service number
- EC50: Concentration that affects 50% of the tested population
- CE NUMBER: Identification number in ESIS (European chemicals Substances Information System)
- CLP: Regulation (EC) No. 1272/2008
- DNEL: Derived no-effect level
- EmS: Emergency schedule
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulations
- IC50: Immobilisation concentration that affects 50% of the tested population
- IMDG: International Maritime Dangerous Goods Code
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number in Annex VI of CLP
- LC50: Lethal concentration, 50%
- LD50: Lethal dose, 50%
- OEL: Occupational exposure limit
- PBT: Persistent, bioaccumulative, and toxic according to REACH
- PEC: Predicted environmental concentration
- PEL: Predicted exposure level
- PNEC: Predicted no-effect concentration
- REACH: Regulation (EC) No. 1907/2006
- RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
- TLV: Threshold limit value
- TLV CEILING: Concentration that should not be exceeded at any time during occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulative according to REACH
- WGK: Water hazard class (Germany).

General bibliography

1. Regulation (EC) No. 1907/2006 of the European Parliament (REACH) and subsequent amendments
 2. Regulation (EC) No. 1272/2008 of the European Parliament (CLP) and subsequent amendments
- The Merck Index
 - 10th Edition
 - Handling Chemical Safety
 - INRS - Fiche
 - Patty - Industrial Hygiene and Toxicology

- N.I. Sax - Dangerous Properties of Industrial Materials - 7, 1989 Edition
- IFA GESTIS website
- ECHA (European Chemicals Agency) website

Note for users

Disclaimer

The information in this guide is based entirely on the knowledge of Lapitec S.p.A. However, the provided information is a collection of recommended procedures. In a document, which is a summary, it is not possible to go into all the health and safety issues encountered. Any recommendation or advice is general and cannot address specific situations in all workplaces. Always adhere to the rules and regulations in force in the respective countries where the Lapitec® product is processed and used.

Refer to the services of a health and safety professional to limit the risks associated with dust exposure. Lapitec S.p.A. also emphasizes that laws and regulations regarding worker exposures differ from country to country. It is therefore advisable to check and comply with local regulations on workplaces and operations involving dust which is hazardous to health. If the recommendations in this guide differ from local regulations, local regulations must be followed as they have legal precedence. None of the information in this guide creates a contractual relationship between Lapitec S.p.A. and any processor.

This document should not be interpreted as a guarantee of any specific product property.

As the use of the product is not under our direct control, it is the user's responsibility to observe the applicable laws and provisions regarding hygiene and safety. No liability is accepted for improper use. Adequate training should be provided for personnel using chemical products.

Confirmation Reception

Information sheet



APPROVED FABRICATOR INFORMATION

Company name

Address

City

Province

Post code

Country

Telephone

E-mail address

Name

Date

Signature

OFFICIAL DISTRIBUTOR

Company name

ATTENTION

The "Information sheet" includes important information and instructions on health and safety protection. All local health and safety laws and regulations must be observed. We also recommend taking the advice of a professional on health & safety matters so as to take all health and safety measures required by law.



L A P I T E C

NATURALLY ITALIAN

Lapitec S.p.A.

Via Bassanese 6, 31050 Veduggio (TV) - Italy
Tel. +39 0423 70 38 11 - Fax +39 0423 70 95 40
info@lapitec.com - www.lapitec.com