

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name **LudgerClean A cartridges**

Product Catalogue Name **LC-A-24**

Company: Ludger Ltd
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SECTION 2. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

This product is not classified as dangerous according to Regulation (EC) No. 1272/2008

2.2 Label elements

This product is not classified as dangerous according to Regulation (EC) No. 1272/2008

Hazard Statement(s)

No data available.

Precautionary Statement(s)

No data available.

2.3 Other hazard information:

No data available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Synonyms: Synthetic amorphous silica gel

Formula: Information not available

Component		Concentration
Name	A cartridge resin	>95%
CAS-No.	None	
EC-No.	None	

SECTION 4. FIRST-AID MEASURES**4.1 Description of First Aid Measures****General Advice**

Consult a physician if exposure causes ill effects and if in any doubt. Show this safety data sheet to the

physician/ first responder in attendance.

If Ingested

Rinse your mouth with plenty of water if the person is conscious. Never give anything by mouth to an unconscious person. Drink plenty of fluids afterwards.

If the skin is exposed

Wash the affected area(s) with plenty of soap and water.

If eyes are exposed

Flush eyes with plenty of water/ eye wash, making sure that the eye is rinsed well, paying attention to the areas around the eyelids.

If inhaled

Move the person into fresh air. If breathing has stopped give artificial respiration.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of immediate medical attention and special treatment needed

No data available

SECTION 5. FIRE-FIGHTING MEASURES**5.1 Extinguishing media**

Use a dry chemical, CO₂ water spray or alcohol foam media. Choose an extinguisher which is appropriate for the surrounding conditions.

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for Firefighters

For extreme fires, wear self-contained breathing apparatus for firefighting.

SECTION 6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Ventilate the affected area thoroughly and shut off any sources of ignition. Use PPE described in Section 8. Avoid causing dust when sweeping up the chemical. Avoid breathing in the dust.

6.2 Environmental Precautions

Do not let the chemical enter that drainage system.

6.3 Methods and material for containment and cleaning up

Collect the spilt chemical, creating as little dust as possible. Sweep up the chemical and shovel it into a suitable container with an air-tight lid. Arrange collection of the waste material.

6.4 Reference to other sections

Sections 8 and 13.

SECTION 7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

To handle/ work with the product in a well-ventilated area and the user to wear PPE.

7.2 Conditions for Safe Storage

Keep the products in a dry and well-ventilated storage cupboard/cabinet, in original packaging or a container with a lid. Keep product away from direct sunlight. Store at Room temperature.

7.3 Specific end uses

No data available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

This product contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

General advice to the user is to wear PPE, and wash hands, avoid contact with skin. To follow good laboratory practice for safety and hygiene.

Personal Protective Equipment

Eye/face protection

Safety glasses with side shields conforming to EN 166. Use eye equipment for eye protection tested and approved under appropriated government standards such as NIOSH (US) or EN 166 (EU).

Skin protection

Wear gloves when handling the product. Gloves must conform to the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. Inspect gloves before use for tears and holes, gloves must be removed using the proper removal technique (without touching the outer surface of the glove) to avoid skin contact with the product. To be disposed of as chemical waste.

Body Protection

Laboratory overcover such as a laboratory coat or any other similar coverings.

Respiratory protection

Product to be used under extraction or well-ventilated area, no further protection is required for the amount per cartridge.

Thermal hazards

No data available.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Form: Powder Colour: White
Odour	None
Odour threshold	None
pH	No data available
Freezing/Melting Point	No data available
Initial boiling point and boiling range	No data available
Flash Point	No data available
Evaporation rate	No data available
Flammability	No data available
Upper/lower flammability or explosive limits	No data available
Vapour Pressure	No data available
Relative Density	No data available

Solubility in water	Insoluble
Partition coefficient	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available

9.2 Other information

No data available

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

Stable when stored under the recommended storage conditions in Section 7.

10.3 Possibility of Hazardous Reactions

No data available

10.4 Conditions to Avoid

Extreme temperatures, High or low.

10.5 Incompatible materials

Strong oxidising agents, strong acids and hydrogen fluoride.

10.6 Hazardous decomposition products

Formed under fire/ high temperatures – Silicon oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

To the best of our knowledge, the toxicological properties of this product have not been fully investigated.

Acute toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/irritation

No data available

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration hazard.

No data available

Potential Health Hazards

This product has no known adverse effect on human health.

Inhalation

May cause respiratory tract irritation.

Ingestion

No data available

Skin

May cause skin irritation.

Eyes

May cause eye irritation.

Signs and symptoms of exposure

No data available

SECTION 12. ECOLOGICAL INFORMATION

The eco-toxicological properties of this material have not been fully investigated.

12.1 Toxicity

No data available.

12.2 Persistence and Degradability

No data available.

12.3 Bio-accumulative potential

Does not bioaccumulate.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

SECTION 13. DISPOSAL CONSIDERATIONS**13.1 Waste Treatment Methods**

Contact a licensed professional waste disposal service to dispose of waste products. Do not send it as general waste for disposal.

Contaminated packaging

Dispose of it as an unused product, following the above advice.

SECTION 14. TRANSPORT INFORMATION**14.1 UN Number**

ADR/RID: - IMDG: - IATA: -

14.2 UN Proper Shipping Name

ADR/RID: Not classed as dangerous goods

IMDG: Not classed as dangerous goods

IATA: Not classed as dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packing group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: No IMDG Marine pollutant: No IATA: No

14.6 Special precautions for user

No data available.

SECTION 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health, and environmental regulations/legislation specific to the substance or mixture

No data available.

15.2 Chemical Safety Assessment

No data available.

SECTION 16. OTHER INFORMATION

The advice offered is derived from the currently available information on the hazardous materials in this product and its component(s). Consideration has been made regarding the quantities offered in the pre-dispensed container. The advice offered is, therefore not all-inclusive nor should it be taken as the descriptive of the compound generally.