



SAFETY DATA SHEET according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2015/830

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Trade name: Organ-X Desi Dust

1.2 Relevant identified uses of the substance or mixture and uses advised against **Relevant identified uses of the substance or mixture:**

Consumer use. Drying agent

Uses advised against:

Do not use for purposes other than those stated in "Recommended uses"

1.3 Details of the supplier of the safety data sheet

Lodi UK Limited
Unit 104, Potter Space
7 Kidderminster Road
Cutnall Green
Droitwich
WR9 0NS
UNITED KINGDOM
Tel: +44 (0) 1384 404242 (office hours only)
Emergency Tel: +44 (0) 1384 404242 (office hours only)
E-mail: sales@lodi-uk.com www. <https://www.lodi-uk.com>

1.4 Emergency telephone number

Emergency information services / official advisory body:

Healthcare professionals: National Poisons Information Service (NPIS) – 0344 892 0111

General public:

England - Dial 111 to reach NHS 111 (24- hour service)

Scotland - Dial 111 to reach NHS 24 (24- hour service)

Wales - Dial 111 or 0845 4647 to reach NHS Direct (24- hour service).

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 (CLP)

Not classified.

2.2 Label elements

Labeling according to Regulation (EC) 1272/2008 (CLP)

Hazard pictograms: [None]

Signal word: [None]

Hazard statements: [None]

Precautionary statements: [None]



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2.3 Other hazards

The product does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) in accordance with Annex XIII of Regulation (EC) 1907/2006 (< 0,1 %).

The product does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) in accordance with Annex XIII of Regulation (EC) 1907/2006 (< 0,1 %).

The product does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%

SECTION 3: Composition/information on ingredients

3.1 Substance

Not applicable.

3.2 Mixture

Substance name	CAS number	REACH	EC Number	Concentration (weight %)	Classification according to Regulation (EC) No 1272/2008 (CLP)
Diatomaceous Earth (Natural)	61790-53-2	Exempted in accordance with REACH Annex V.7	612-383-7	100	Not classified

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: No acute and delayed symptoms and effects are observed.

In case of contact with skin:

Wash skin thoroughly with soap and water. Remove all contaminated clothing immediately and wash before reuse.

In case of contact with eyes:

Rinse cautiously with water for several minutes. Remove any contact lenses if possible. Continue rinsing. If symptoms occur or persist, seek medical attention.

In case of ingestion:

If swallowed, Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

In case of inhalation:

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

4.3 Indication of any immediate medical attention and special treatment needed

No specific recommendations.



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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media This product is non-combustible. No specific extinguishing media is needed.

Unsuitable extinguishing media No restriction on the extinguishing media to be used.

5.2 Special hazards arising from the substance or mixture

Non-combustible. No hazardous thermal decomposition.

5.3 Advice for firefighters

No specific fire-fighting protection is required. Use an extinguishing agent suitable for the surrounding fire. Product on floor when wetted will become slippery and may present a hazard; wear anti-slip boots.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation

6.2 Environmental precautions

Do not discharge into drains or watercourses or onto the ground

6.3 Methods and material for containment and cleaning up

Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation. Wear personal protective equipment in compliance with national legislation. Product on floor when wetted will become slippery and may present a hazard; wear anti-slip boots.

6.4 Reference to other sections

See protective measures under points 7 and 8. Disposal: see section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling

Usage precautions

Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling techniques, please contact your supplier. Do not eat, drink and smoke in work areas; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas. Product on floor when wetted will become slippery and may present a hazard; wear anti-slip boots. For personal protection, see Section 8.

Advice on general occupational hygiene

Notes on safe handling

Keep dust levels to a minimum. Minimize dust generation. This product should be handled with care to avoid dust generation. General occupational hygiene measures are required. These include good personal and



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housekeeping practices (i.e. regular cleaning with suitable cleaning devices). Shower and change clothes at end of work shift. Change work clothing daily before leaving workplace.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry covered area. Minimise airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting. Avoid contact with the following materials: Hydrofluoric acid.

7.3 Specific end use(s)

If you require advice on specific uses, please contact your supplier.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

A European Binding OEL (Occupational Exposure Limit) for respirable crystalline silica dust is set at 0.1 mg/m³ in the Directive (EU) 2017/2398, measured as an 8-hour TWA (Time Weighted Average).

Diatomaceous Earth (Natural)

Long-term exposure limit (8-hour TWA): WEL 1.2 mg/m³ respirable dust

8.2 Exposure controls

Appropriate engineering controls

Minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, e.g. by isolating personnel from dusty areas. Remove and wash soiled clothing. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield. Contact lenses should not be worn when working with this product.

Hand protection:

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex).

Other skin and body protection:

No specific requirement. Appropriate protection (e.g. protective clothing, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin.

Hygiene measures:

When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

Respiratory protection:

Local ventilation to control airborne dust levels below occupational exposure limits is recommended. In case of exposure, where engineering controls are insufficient, the use of Respiratory Protective Equipment (RPE) is recommended. A risk assessment process must be followed to ensure adequate protection from the airborne dust. The type of RPE must suit the work situation and the specific requirements of the wearer. Other environmental conditions should also be considered. The minimum "Assigned Protection Factor" (APF) required will depend on the measured or predicted occupational exposure levels divided by the OEL detailed in section 8.1. Filters specified as FFP2 and P2 have an APF of 10.



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Correctly fitted, these would reduce the exposure to the wearer down to one tenth of the working atmosphere. Depending on the assessment of the exposure, a lesser or higher efficiency of filter may be required. The manufacturer's instructions and regulatory guidance regarding duration of use and correct fitting should be followed. The wearer of the selected RPE should receive training before use.

Environmental exposure controls:

All ventilation systems should be filtered before discharge to atmosphere. Contain the spillage. Avoid releasing into the environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Powder
Colour	White/off white. Grey
Odour	Almost odourless
Melting point	Not applicable (Solid with a melting point > 450°C)
Freezing point:	Not available
Boiling point	Not applicable (Solid with a melting point > 450°C)
Flammability	Not flammable (not combustible)
Lower explosion limit	Non-explosive
Upper explosion limit	Non-explosive
Flash point	Not applicable (Solid with a melting point > 450°C)
Auto-ignition temperature	Not auto-flammable
Decomposition temperature	Not applicable (Solid with a melting point > 450°C)
pH	4-5 @10% slurry
Viscosity, kinematic	Not available
Solubility	Insoluble in water
Partition coefficient n-octanol/water (Log Kow)	Not applicable (inorganic substance)
Vapour pressure:	Not applicable (Solid with a melting point > 450°C)
Vapour pressure at 50°C	Not applicable (Solid with a melting point > 450°C)
Density and/or relative density	2.0 – 2.4
Relative density	Not available
Relative vapour density at 20°C	Not available
Particle characteristics	Not applicable

9.2 Other information

No information required

SECTION 10: Stability and reactivity

10.1 Reactivity

The following materials may react with the product: Hydrofluoric acid.

10.2 Chemical stability

The product is stable under normal ambient conditions and when used as recommended.

10.3 Possibility of hazardous reactions

Silicon tetrafluoride (SiF₄) will form upon contact with hydrofluoric acid.

10.4 Conditions to avoid

Avoid contact with Hydrofluoric acid.



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10.5 Incompatible materials

Hydrofluoric acid.

10.6 Hazardous decomposition products

Silicon tetrafluoride (SiF₄) will form upon contact with hydrofluoric acid.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Inhalation Dust in high concentrations may irritate the respiratory system.

Ingestion No harmful effects expected from quantities likely to be ingested by accident.

Skin contact Prolonged contact may cause dryness of the skin.

Eye contact Particles in the eyes may cause irritation and smarting.

Endocrine disrupting properties Available data for the substance have been considered against the criteria laid down in Regulations ((EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605) and found not to apply.

Toxicological information on ingredients. Diatomaceous Earth (Natural)

acute toxicity:
No data available.

(b) skin corrosion/irritation:
No data available.

(c) serious eye damage/irritation:
No data available.

(d) respiratory or skin sensitisation:
No data available.

(e) germ cell mutagenicity:
No data available.

(f) carcinogenicity:
No data available.

(g) reproductive toxicity:
No data available.

(h) STOT-single exposure:
No data available.

(i) STOT-repeated exposure:
No data available.

(j) aspiration hazard:
No data available.



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SECTION 12: Ecological information

The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Ecological information on ingredients. Diatomaceous Earth (Natural)

Acute aquatic toxicity

Acute toxicity - fish Not known.

Acute toxicity – aquatic invertebrates Not known.

Acute toxicity – aquatic plants Not known.

12.2. Persistence and degradability

The product is not biodegradable

12.3. Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating

12.4. Mobility in soil

The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

The product does not contain any substances classified as PBT or vPvB above the declaration limit.

12.6. Other adverse effects

Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information:

The product can be disposed of as a non toxic/inactive material in approved landfill sites in accordance with local regulations. Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles. Recycling and disposal of packaging should be carried out in compliance with local regulations. The re-use of packaging is not recommended. Recycling and disposal of packaging should be carried out by an authorised waste management company.

Disposal methods:

Where possible, recycling is preferable to disposal. Can be disposed of in compliance with local regulations

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number

Not regulated for transport.

14.2. UN proper shipping name

Proper Shipping Name (ADR): Not regulated

Proper Shipping Name (IMDG): Not regulated

Proper Shipping Name (IATA): Not regulated

Proper Shipping Name (ADN): Not regulated

Proper Shipping Name (RID): Not regulated



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14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR): Not regulated

IMDG

Transport hazard class(es) (IMDG): Not regulated

IATA

Transport hazard class(es) (IATA): Not regulated

ADN

Transport hazard class(es) (ADN): Not regulated

RID

Transport hazard class(es) (RID): Not regulated

14.4. Packing group

Packing group (ADR): Not regulated

Packing group (IMDG): Not regulated

Packing group (IATA): Not regulated

Packing group (ADN): Not regulated

Packing group (RID): Not regulated

14.5. Environmental hazards

No supplementary information available

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

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

National regulations

EH40/2005 Workplace exposure limits.

Health and Safety at Work etc. Act 1974 (as amended).

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

EU legislation Exempted in accordance with REACH Annex V.7

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.



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SECTION 16: Other information

Abbreviations and acronyms:

AF = Assessment Factor
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
C & L = Classification and labelling
RCS = Respirable Crystalline Silica
DNEL= Derived No Effect Level
LC50 = Median Lethal Concentration
LD50 = Medial Lethal Dose
EC = European Commission
NOAEL = No Observed Adverse Effect Level
PBT = Persistent Bioaccumulative Toxic
PEC = Predicted Effect Level
PNEC = Predicted No Effect Level
SDS = Safety Data Sheet
STOT = Specific Target Organ Toxicity
STP = Sewage Treatment Plant
vPvB = Very Persistent Very Bioaccumulative

This safety data sheet (SDS) is based on the legal provisions of the REACH Regulation (EC 1907/2006 amended by Regulation (EU) 2015/830. Its contents are intended as a guide to the appropriate precautionary handling of the material. It is the responsibility of recipients of this SDS to ensure that the information contained therein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. Information and instructions provided in this SDS are based on the current state of scientific and technical knowledge at the date of issue indicated. It should not be construed as any guarantee of technical performance, suitability for particular applications, and does not establish a legally valid contractual relationship. This version of the SDS supersedes all previous versions.