



Material Safety Data Sheet (MSDS)

ACCORDING TO REGULATION (CE) 1907/2006 REACH AND (EU) No 2015/830
Creation date 02/02/2023 - Rev. N° 1 - 02/02/2023

1 - IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identification: Mixture with enzyme.

Trade name: U-Ox.

Grade: Liquid.

N.Registr.REACH: None of the substances contained in this mixture currently has a registration requirement.

1.2 Identified uses and recommended for the substance or mixture

Recommended use: Product for use in U-Earth air purifiers only.

1.3 Details of the supplier of the safety data sheet

Company name: U-Earth Biotech LTD

Address: 172 Fulham Road, SW10 9PR, London, UK

Telephone and Fax: +39 3939010596

Mail address: support@u-earth.eu

1.4 Emergency Calls: +39 3939010596

2 - HAZARD IDENTIFICATIONS

2.1 Classification of the substance or mixture: This mixture is classified as not dangerous in accordance with the current directives.

2.1.1 European Regulation (EC) 1272/2008, as mentioned

2.1.2 Classification according to the CLP (Classification Labelling and Packaging, Regulation (EC) No 1272/2008)

Hazard Class: None.

Hazard Category: None.

H-phrases: None.

2.2 Label elements

2.2.1 Names on the label: U-Ox.

2.2.2 Signal word: None.

2.2.3 Hazard pictograms: None.

2.2.4 Hazard indice: None.

2.2.5 Safety advice: None.

2.3 Other hazards: The product is biologically inert. Not dangerous under normal conditions of handling and use. Ecological damage is not known or foreseeable under normal use conditions.

3 - COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Mixture

Name	N° CAS.	Symbol	Risk frases	Classification in according to (EC) No 1272/2008
Sodium alginate	9005-38-3	None	None	Not classified / Not dangerous
Activated charcoal	7440-44-0	None	None	Not classified / Not dangerous

Note: To the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting in this section, in accordance with Regulation (EC) No 1272/2008 (CLP).

4 - FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 In case of inhalation: Move victim to fresh air. Get medical attention if you feel unwell.

4.1.2 In case of contact with skin: It is not irritating, however, avoid prolonged contact.

4.1.3 Eye contact: It is not irritating, it can be annoying if in contact with the eyes. It is advisable to rinse thoroughly with water.

4.1.4 Ingestion: Not a probable route of exposure. However, in case of accidental ingestion, call a doctor.

4.2 First-aid measures in case of exposure to thermal decomposition gases

4.2.1 In case of inhalation: Move victim to fresh air. Get medical attention if you feel unwell.

4.2.2 In case of contact with skin: It is not irritating, however, avoid prolonged contact.

4.2.3 Eye contact: It is not irritating, it can be annoying if in contact with the eyes. It is advisable to rinse thoroughly with water.

4.2.4 Ingestion: Not a probable route of exposure. However, in case of accidental ingestion, call a doctor.

5 - FIRE FIGHTING MEASURES

5.1 Specific hazards

5.1.1 The product is not flammable. In case of fire it decomposes the packaging in which it is contained. Use water, powder, foam, chemical powder, carbon dioxide (CO₂).

5.1.2 Special hazards arising from the substance or mixture: No data available.

5.2 Recommendations for firefighters:

In case of fire: Wear appropriate apparatus of breathing and protective clothing.

5.3 Protection of fire-fighters

5.3.1 Self contained breathing apparatus. Clothing, acid protection.

6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: No data available.

6.2 Environmental precautions: Avoid release to the environment.

6.3 Methods for cleaning up: Clean contaminated sites immediately.

6.4 Reference to other sections:

Refer to sections: 7 safe handling, 8 for personal protective equipments, 13 for disposal.

7 - HANDLING AND STORAGE

7.1 Handling

7.1.1 Precautions: Provide adequate ventilation. Use personal protective equipment when handled in concentrated form for extended periods of time. Do not contaminate tobacco products.

7.1.2 Security measures: If used for the intended use, no particular measure is required

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage: Keep in a cool, dry place. Shelf-life 2 years.

7.2.2 Packaging: Glass bottles 100ml, PE bottles of 250 and 1000ml.

8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Exposure Limit Values: None.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

8.2.2 Individual protection measures

8.2.2.1 Respiratory protection: Respiratory protection is not required in general.

8.2.2.2 Hand Protection: The selected protective gloves must meet the requirements of Directive (EU)

2016/425 and the standard EN 374 derived from it if handled in large quantities for industrial use.

8.2.2.3 Eye protection: In case of high dust concentration wear safety goggles and appropriate work suits/overalls.

8.2.2.4 Body protection: Long sleeved clothing. Safety shoes. When poured in the device (intended use) body protection is not required.

8.2.2.5 Hygiene measures: When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday, after pouring in the device. Handle in accordance with good practice of industrial hygiene and safety practice when used in industrial environments.

8.2.3 Environmental exposure control: None.

9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical: Formulated with enzymes.

9.1.1 General information

Appearance: Viscous liquid

Odour: Fermentation

Colour: Dark grey

Relative density: 1 kg/L

Point of fusion: Not applicable

pH: 6-8

Boiling point: Not applicable

Flash point: Non flammable

Explosive properties: Not explosive

Oxidizing properties: Non-oxidizing

Vapor Density: Not applicable

Solubility in water: Soluble

Solubility in organic solvent: Insoluble

10 - STABILITY AND REACTIVITY

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

10.2 Chemical stability: The product is chemically stable.

10.3 Possibility of hazardous reactions: None.

10.4 Conditions to avoid: None.

10.5 Materials to avoid: None.

10.6 Hazardous decomposition products: None known.

11 - TOXICOLOGICAL INFORMATION

11.1 Acute toxicity: Data not available.

11.1.1 Acute oral toxicity: Data not available.

11.1.2 Acute toxicity by inhalation: Data not available.

11.2 Skin corrosion / irritation: Data not available.

11.3 Serious eye damage / eye irritation: Data not available.

11.4 Sensitization: Data not available.

11.5 Mutagenicity: Data not available.

11.6 Carcinogenicity: Not classifiable as a human carcinogen.

11.7 Toxic for reproduction: Data not available.

11.8 Repeated dose toxicity: Data not available.

11.9 Other information: None.

12 - ECOLOGICAL INFORMATION

12.1 Toxicity: Data not available.

12.2 Persistence and degradability: Data not available.

12.2.1 Abiotic degradation: Data not available.

12.2.2 Biodegradation: Data not available.

12.3 Accumulation potential: Data not available.

12.4 Mobility in the soil: Data not available.

12.5 Results of PBT and vPvB assessment: Data not available.

12.6 Other adverse effects: Data not available.

13 - CONSIDERATION ON DISPOSAL

13.1 Waste treatment methods: Dispose in accordance with local and national regulations.

13.2 Waste code numbers/Waste identification: Data not available.

14 - TRANSPORT INFORMATION

14.1 Specific hazards: The product is not classified as dangerous in transport.

14.2 Packaging information: Glass bottles 100ml, PE bottles of 250 and 1000ml. Cardboard Box.

14.3 International transport classification: Packaging group: Not assigned / U.N. Number: Not assigned.

15 - REGULATORY INFORMATION

15.1 Regulations (CE) n.1907 / 2006 - Regulations (CE) n. 453/2010 Regulations (CE) n.2015/830.

15.2 Classification: Risk class: None - Tipology of classification: Not required.

15.3 Label: Product name: U-Ox - Hazard symbol: None.

15.4 Chemical Safety Assessment: Not required.

16 - OTHER INFORMATION

16.1 Text of hazard "H" referred to under sections 2-3: None

16.2 Text of phrases "P" mentioned in section 2-3: None

16.3 Other information: Regulation (EC) N1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation Service, Authorization and Restriction of Chemicals (REACH), establishing a European Agency for chemicals, What Change 1999/45/EC and repealing Regulation (EEC) 793/93 and Council Regulation (EC) n.1488 /94 the Commission, as well as the Directive 76/769/EEC and Commission Directives 93/67/EEC, 93/105 /EC and 2000/21/EC.

Regulation (EU) 453/2010 of the Commission of 20 May 2010 amending Regulation (EC) No. 1907/2006 of the European Parliament and the Council. Regulation EEC / EU n ° 453 of 20/05/2010 of the Commission of 20 May 2010 amending Regulation (EC) n.1907 / 2006 of the European Parliament and the Council.

Regulation EEC/EU n.1272 of 16/12/2008 "Regulation (EC) n.1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45 / EC, and amending Regulation (EC) N1907/2006. Safety data sheet according to Regulation (CE) n.1907/2006 and (CE) n.453/2010.

The informations contained in this safety data sheet are based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any responsibility for any loss, damage or injury resulting from its use (except when required by law). The information may not be valid for any use not indicated in this safety data sheet or the use of the product in combination with other materials. For these reasons, it is important that customers perform their own tests to ascertain the suitability of the product for their intended applications.

U-OX

M O N O D O S E



Shake well and remove the inner plastic cap before pouring.