

SAFETY DATA SHEET

(in accordance with Regulation (EU) 1907/2006)

SC-1000 SOIL DECONTAMINATION

Version 3

Date of issue: 27/09/2023

Revision date: 01/12/2023

Printing date: 09/05/2024



SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY OR FIRM.

1.1 Product identifier.

Product name: SC-10000 SOIL CONTAMINATION

Product code: 007

UFI: 8F00-E0Y8-S00R-4FAD

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

Preparatory and cleaning products.

Uses not recommended:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: WASTE TO MARKETS SL
Address: C/ Monastario de Silos 11
Town: Valladolid
Telephone: +34 635082546
E-mail: contact@greenguardianbio.com

1.4 Emergency phone: +34 640864489 (Only available during office hours; Monday-Friday; 08:00-18:00)

SPAIN: Toxicological Information Service (National Institute of Toxicology and Forensic Sciences) Telephone: +34 91 5620420.

Information in Spanish (24h/365 days). Only for the purpose of providing health response in case of emergency.

SECTION 2: HAZARD IDENTIFICATION.

2.1 Classification of the substance or mixture.

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

2.2 Label elements.

The product is not classified as hazardous according to Regulation (EU) No 1272/2008 (CLP).

Hazard pictograms: None

Words of warning: None.

Hazard statements: None.

Precautionary statements: None.

2.3 Other dangers.

The mixture does not contain substances classified as PBT (Persistent, Bioaccumulative and Toxic).

The mixture does not contain substances classified as vPvB (very Persistent and very Bioaccumulative).

The mixture does not contain substances with endocrine disrupting properties.

Under normal conditions of use and in its original form, the product has no other negative effects on health and the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not applicable.

3.2 Mixtures.

This mixture does not contain substances with a concentration above the values set out in Annex II of Regulation (EC) 1907/2006 and subsequent amendments, which represent a danger to health or the environment, nor are they assigned a Community workplace exposure limit, nor are they classified as PBT/vPvB or included in the Candidate List.

SECTION 4: FIRST AID.



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The updated composition information of the product has been sent to the Toxicological Information Service (National Institute of Toxicology and Forensic Sciences). In case of poisoning call the Toxicological Information Service:
Phone (24 hours) 91 562 04 20

4.1 Description of first aid.

Due to the composition and type of substances present in the preparation, no special warnings are necessary.

Inhalation.

If breathing stops, seek urgent medical attention. Remove casualty to fresh air, keep warm and at rest, if breathing is irregular or stops, give artificial respiration.

Eye contact.

Remove contact lenses, if worn and easy to do. Flush eyes thoroughly with clean, cool water for at least 10 minutes, pulling up the eyelids and seek medical attention.

Skin contact.

Remove contaminated clothing.

Ingestion.

Keep him at rest. NEVER induce vomiting.

4.2 Main symptoms and effects, acute and delayed.

There are no known acute or delayed effects from exposure to the product.

4.3 Indication of any medical care and special treatment to be given immediately.

If in doubt, or if symptoms of discomfort persist, seek medical attention. Never administer anything by mouth to an unconscious person.

SECTION 5: FIRE-FIGHTING MEASURES.

5.1 Extinguishing media.

Suitable extinguishing media:

Extinguishing powder or CO₂. In case of more serious fires also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct water jet for extinguishing. In the presence of electrical voltage it is not acceptable to use water or foam as an extinguishing medium.

5.2 Specific hazards arising from the substance or mixture.

Special hazards.

Exposure to combustion or decomposition products may be harmful to health.

5.3 Recommendations for fire-fighting personnel.

Cool tanks, cisterns or containers near the source of heat or fire with water. Take wind direction into account.

Fire protection equipment.

Depending on the size of the fire, heat protection suits, self-contained breathing apparatus, gloves, goggles or face masks and boots may be required.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and personal protective measures, see section 8.

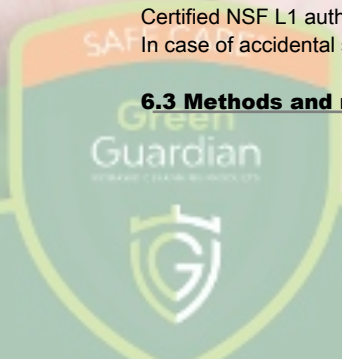
6.2 Environmental precautions.

Product not classified as dangerous for the environment, avoid any spillage as far as possible.

Certified NSF L1 authorised for discharge into sewage system without treatment.

In case of accidental spillage, collect as much of the product as possible.

6.3 Methods and material for containment and clean-up.



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Contain and collect the spillage with inert absorbent material (earth, sand, vermiculite, diatomaceous earth...) and clean the area immediately with a suitable decontaminant.

Dispose of waste in closed containers suitable for disposal in accordance with local and national regulations (see section 13).

6.4 Reference to other sections.

For exposure control and personal protective measures, see section 8.

For waste disposal, follow the recommendations in section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

The product does not require special handling measures, the following general measures are recommended:

For personal protection, see section 8.

Smoking, eating and drinking must be prohibited in the application area.

Comply with occupational health and safety legislation.

Never use pressure to empty the containers; they are not pressure-resistant containers. Store the product in containers made of material identical to the original.

7.2 Conditions for safe storage, including possible incompatibilities.

The product does not require special storage measures.

As general storage conditions, sources of heat, radiation, electricity and contact with food should be avoided.

Keep away from oxidising agents and strongly acidic or alkaline materials.

Store containers between 5 and 40 °C, in a dry and well-ventilated place.

Store in accordance with local legislation. Observe label instructions. After opening, containers should be carefully resealed and placed upright to avoid spillage.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end uses.

Not available.

SECTION 8: EXPOSURE CONTROLS/INDIVIDUAL PROTECTION.

8.1 Control parameters.

The product does NOT contain substances with Occupational Environmental Exposure Limit Values. The product does NOT contain substances with Biological Limit Values.

8.2 Exposure controls.

Technical measures:

Concentration:	100 %
Uses:	Preparatory and cleaning products.
Respiratory protection:	If the recommended technical measures are complied with, no personal protective equipment is necessary.
Hand protection:	No personal protective equipment is necessary if the product is handled correctly.
Eye protection:	No personal protective equipment is necessary if the product is handled correctly.
Skin protection:	

EPI: Work shoes

Features: «CE» Category II marking.

CEN standards: EN ISO 13287, EN 20347

Maintenance: These items adapt to the shape of the foot of the first user. For this reason, as well as for Hygiene issues, reuse by another person should be avoided.

Observations: Work footwear for professional use is that which incorporates protective elements intended for protect the user from injuries that could cause accidents, work must be reviewed to which this footwear is suitable for.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Physical state: Liquid

Colour: Light yellow, yellowish

Odour: Characteristic-mild Odour

threshold: Not available

Melting point: 0 °C

Freezing point: 0 °C

Starting point/boiling point/boiling range: 100 °C (boiling range (ASTM D 1120-72 (1))

Flammability: Non-flammable

Lower Explosion Limit: Not applicable

Upper Explosion Limit: Not applicable

Flash Point: Not applicable

Auto-ignition temperature: Non-flammable °C

Decomposition temperature: Not available

pH: 9.9-10.9 (100%)

Kinematic viscosity: 5 cPs @ 75°F (24°C) (ASTM D2196)

Solubility: Not available

Water solubility: Soluble

Liposolubility: Not available

Partition coefficient (n-octanol/water) (logarithmic value): Not available

Vapour pressure: 5 mm Hg @ 100°F (37.8°C)

Absolute density: ~1.01 kg/L @ 15°C

Relative density: >1.01 g/cm³

Vapour density: Not available

Particulate characteristics: Not applicable

9.2 Other data. Other security features

Viscosity: <100cP

Drop point: Not applicable

Scintillation: Not applicable

Solids: Not available

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

The product does not present any hazards due to its reactivity.

10.2 Chemical stability.

Stable under recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.

The product does not present the possibility of dangerous reactions.

10.4 Conditions to be avoided.

Avoid any kind of incorrect handling.

10.5 Incompatible materials.

Keep away from oxidising agents and strongly alkaline or acidic materials to avoid exothermic reactions.

10.6 Hazardous decomposition products.

It is not broken down if it is used for its intended purpose.

SECTION 11: TOXICOLOGICAL INFORMATION.

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008.

No tested data available for the product.

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a) acute toxicity;
Inconclusive data for classification.
Acute dermal toxicity LD50 - Rabbit: >2000 mg/kg bw
Acute oral toxicity LD50 - Rat: >5000 mg/kg bw
96-hr. Acute toxicity LC50 - Pimephales promelas: 316 mg/L - 100% survival at 100 mg/L
10-day Acute toxicity LC50 - Corophium volutator: >16203 (mg.kg-1)
72-hr. Toxicity EC50 - Skeletonema costatum: 18.74 (mg.kg-1)

b) skin corrosion or irritation;
Inconclusive data for classification.

c) Serious eye damage/eye irritation;
Classified product:
Eye irritation, Category 2: Causes serious eye irritation.

d) Respiratory or skin sensitisation;
Data inconclusive for classification.

e) germ cell mutagenicity;
Inconclusive data for classification.

f) carcinogenicity;
Inconclusive data for classification.

g) reproductive toxicity;
Inconclusive data for classification.

h) specific target organ toxicity (STOT) - single exposure;
Data inconclusive for classification.

i) specific target organ toxicity (STOT) - repeated exposure;
Data inconclusive for classification.

j) aspiration hazard;
Inconclusive data for classification.

11.2 Information concerning other hazards.

Endocrine disrupting properties.

This product does not contain components with endocrine disrupting properties that have an effect on human health.

Other data.

No information on other adverse health effects is available.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

No information is available on the ecotoxicity of the substances present.

12.2 Persistence and degradability.

The product is biodegradable

No information is available on the degradability of the substances present.

No information is available on the persistence and degradability of the product.

12.3 Bioaccumulative potential.

No bio-accumulation. According to the results of biodegradability tests, this product is considered as readily biodegradable (Modified Strum Test OECD 301B).

12.4 Mobility on the ground.

The product is miscible with water. It can be dispersed in aqueous media.

NSF- L1 Certificate of non-hazardous for discharge to sewer in case of accidental spillage.

Avoid penetration into the soil.



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12.5 Results of the PBT and vPvB measurements.

No information is available on the PBT and vPvB assessment of the product.

12.6 Endocrine disrupting properties.

This product does not contain components with endocrine disrupting properties on the environment.

12.7 Other adverse effects.

° The product is not affected by Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

No information on other adverse effects on the environment is available.

SECTION 13: DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Discharge into sewers or watercourses is not permitted. Waste and empty containers must be handled and disposed of in accordance with local/national legislation.

Follow the provisions of Directive 2008/98/EC with regard to waste management.

SECTION 14: TRANSPORT INFORMATION.

Not dangerous in transport. In case of accident and spillage of the product proceed according to point 6.

14.1 UN number or ID number.

It is not dangerous in transport.

14.2 United Nations official transport designation.

Description:

ADR/RID: Not dangerous for transport.

IMDG: Not dangerous for transport.

ICAO/IATA: Not dangerous for transport.

14.3 Transport hazard class(es).

It is not dangerous in transport.

14.4 Packaging group.

It is not dangerous in transport.

14.5 Environmental hazards.

It is not dangerous in transport.

Transport by ship, FEm - Emergency sheets (F - Fire, S - Spillage): Not applicable.

14.6 Special precautions for users.

It is not dangerous in transport.

14.7 Carriage by sea in bulk under IMO instruments.

It is not dangerous in transport.

SECTION 15: REGULATORY INFORMATION.

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

Volatile Organic Compound (VOC)

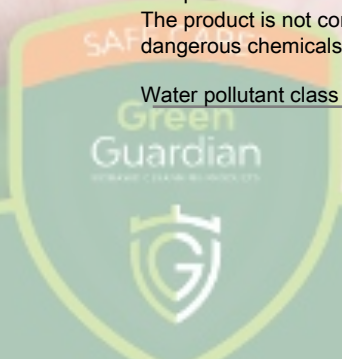
VOC content (w/w): 0 %

VOC content: 0 g/l

The product is not affected by Regulation (EU) No 528/2012 concerning the placing on the market and use of biocidal products.

The product is not concerned by the procedure laid down in Regulation (EU) No 649/2012 concerning the export and import of dangerous chemicals.

Water pollutant class (Germany): WGK 1: slightly hazardous for water (self-classified according to AwSV regulation).



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15.2 Chemical safety assessment.

A chemical safety assessment of the product has not been carried out.

SECTION 16: OTHER INFORMATION.

Changes compared to the previous version:

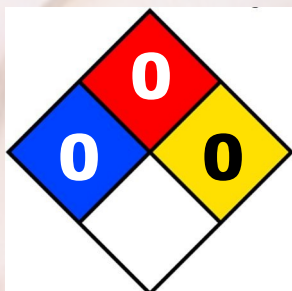
- Change in the emergency telephone number (SECTION 1.4).
- Modifications to measures in case of accidental release (SECTION 6.2).
- Land mobility modifications (SECTION 12.4).

Classification and procedure used to determine the classification of mixtures according to Regulation (EC) No 1272/2008 [CLP]:

Physical hazards	According to test data
Health hazards	Calculation method
Environmental hazards	Calculation method

It is recommended to use the product only for its intended uses.

NFPA 704 Hazard Rating System:



Risk - Health: 0 (Normal material)

Flammability: 0 (Does not burn)

Reactivity: 0 (Stable)

Abbreviations and acronyms used:

AwSV: Regulation of Installations for the Handling of Water Hazardous Substances.

CEN: European Committee for Standardisation.

EPI: Personal protective equipment.

WGK: Water hazard classes.

Main bibliographical references and data sources:

<http://eur-lex.europa.eu/homepage.html>

<http://echa.europa.eu/>

Regulation (EU) 2020/878.

Regulation (EC) No 1907/2006.

Regulation (EC) No 1272/2008.

The information provided in this Safety Data Sheet has been drawn up in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

The information in this Product Safety Data Sheet is based on current knowledge and current EC and national laws, in that the working conditions of the users are beyond our knowledge and control. The product must not be used for purposes other than those specified without first obtaining written instruction in its handling. It is always the responsibility of the user to take appropriate measures in order to comply with legislative requirements.

Green Guardian
EPA REGISTERED CLEANING PRODUCTS

