09.01.2026

Safety information sheet

Version: 1.0 EN

Sucralose, E 955

Article number: D10137

This document has been prepared as a communication tool to inform downstream users about both the status of the substance under REACH and CLP, some of its essential properties and the guidance on safe use. An extended safety data sheet (SDS) is not required for this substance under Article 31 of REACH Regulation (EC) No 1272/2008, including the amending Regulation (EU) 2020/878. As a result, the format and content of this document does not comply with the framework for safety data sheets set out in Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006.

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1 Identification of the substance/mixture and the company

1.1 Product identifier

Name	Sucralose, E 955
CAS number	56038-13-2
EC number	259-952-2
REACH registration	-

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

Description/use	The product is intended for industrial and pharmaceutical use. For further information on specific applications, please contact us on the telephone number given - we will be happy to put you in touch with the relevant specialist department.

1.3 Details of the supplier providing the safety information sheet

Company	DistrEbution GmbH
Adress	Brookdeich 40
	21029 Hamburg
	Germany
Telephone	+49 40 609 2387 60
E-Mail	info@distrebution.com

1.4 Emergency number

+49 40 609 2387 60 (Business hours: Mon - Thu: 8 a.m.- 5 p.m. / Fri: 8 a.m. – 4 p.m.)

2 Potential hazards

2.1 Classification oft he substance or mixture

Not classified according to Chemicals Regulation (EC) Nr.1272/2008.

2.2 Label elements

Not subject to classification according to Regulation (EC) No 1272/2008.

2.3 Other hazards

Non-toxic food additive in the form of a strongly sweet-tasting powdered solid.

High concentrations of airborne dust may cause slight irritation of the respiratory tract. No other hazards are known..

3 Composition/information on ingredients

Chemical characterization:	Sucralose, E 955
CAS number	56038-13-2
EC number	259-952-2
REACH registration	-
Hazardous ingredients	-
Nanoparticles	No nanoparticles according to Regulation (EU) 2018/1881

4 First-aid measures

4.1 Description of first-aid measures

General medical information: In case of respiratory arrest, initiate artificial respiration; if breathing is difficult, administer oxygen if necessary. Persons showing signs of a severe hypersensitivity reaction (anaphylactic shock) require immediate medical treatment.

After eye contact

Rinse eyes with water. If irritation persists, seek medical attention..

After skin contact

Rinse skin thoroughly with water or under the shower. If irritation persists, seek medical attention.

Inhalation or ingestion

Move the affected person to fresh air. Rinse mouth thoroughly with water. If feeling unwell, seek medical advice/attention. If large quantities have been ingested, contact a poison control center or doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5 Firefighting measures

5.1 Eytinguishing agents

Suitable extinguishing agents

Carbon dioxide (CO2), dry extinguishing agent, water, foam

Unsuitable extinguishing agents

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5.2 Special hazards arising from the substance or mixture

Explosion hazard: Avoid the formation of dust. Finely dispersed dust can cause a dust explosion in air at sufficient concentrations and in the presence of an ignition source..

5.3 Advice fo firefighters

Use appropriate protective equipment and self-contained breathing apparatus. Cool containers near the fire with water spray. Remove people from the danger zone. Observe standard firefighting measures and take into account the hazards of other substances involved.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing suitable protective clothing. Ensure adequate ventilation. Wear suitable personal protective equipment (see Section 8). Do not allow dust deposits to accumulate on surfaces, as these can form an explosive dust-air mixture when released into the air in sufficient concentrations.

6.2 Environmental precautions

No special measures known. Limit releases as far as possible and observe local regulations.

6.3 Methods and material for containment and cleaning up

Sweep up or vacuum spilled material and collect in a suitable container for disposal. Avoid generating dust during cleaning. Clean surfaces thoroughly to remove residual contamination.

6.4 Reference to other sections

See section 7 for information on safe handling.

See section 8 for information on personal protective equipment.

See section 13 for information on disposal.

7 Handling and storage

7.1 Precautions for safe handling

Information on safe handling

When handling USP reference standards, avoid any contact and inhalation of dust, mists, or vapors from the material. Clean equipment and work surfaces after use with a suitable cleaning agent or solvent. Wash hands and other exposed skin thoroughly after removing protective gloves. Work processes that generate fine material (dust) may result in the formation of combustible dust clouds. Avoid significant deposits of the material, especially on horizontal surfaces, as these can be stirred up again and form combustible dust clouds that contribute to secondary explosions.

7.2 Conditions for safe storage, including any incompatibilites

Store in tightly closed containers. Handle and store the material according to the label or product identification to ensure product integrity.

7.3 Specific end uses

No data available.

8 Exposure controls/personal protective equipment

8.1 Parameters to be monitored

Biological limits: No biological limits have been established for the substances contained.

Exposure guidelines/occupational exposure limits: No exposure standards assigned.

8.2 Limitation and monitoring of exposure

8.2.1 Apprpriate engineering controls

Airborne exposure should primarily be controlled by technical measures, e.g., general room ventilation, local exhaust ventilation, or closed systems. Local exhaust ventilation is generally preferable to general exhaust ventilation, as the hazardous substance is captured directly at the source and prevented from spreading throughout the work area. The effectiveness of technical measures can be verified by means of occupational hygiene measurements (air monitoring).

8.2.2 Personal protective equipment

Respiratory protection

If respiratory protection is required to reduce or control occupational exposure, approved respiratory protection (e.g., NIOSH-approved devices or equivalent) must be used and an effective respiratory protection program must be implemented.

Hand protection

Wear chemical-resistant protective gloves. When handling solutions, ensure that the glove material is resistant to the solvent used. Select handling practices that minimize direct skin contact. Employees with sensitivity to natural rubber (latex) should use nitrile or other synthetic, latex-free gloves. Avoid powdered latex gloves due to the risk of latex allergy.

Eye protection

Safety glasses with side shields are recommended. If there is a risk of splashing or when handling corrosive substances, additional face protection or tightly fitting safety goggles may be necessary. Keep an eye wash station available in the work area.

Other protective measures

When handling small quantities in the laboratory, wearing a lab coat is recommended. When handling larger quantities, suitable work clothing may be necessary to prevent take-home contamination.

Limitation and supervision of exposure tot he environment

Observe general principles of good industrial hygiene and occupational safety; no special measures for environmental exposure are specified.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	Solid, powder
Color	White to cream-colored
Odor	Slight preservative-like odor
pH value	5–7 (10% aqueous solution)
Melting point	130°C
Boiling point	No data available
Decomposition temperature	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Flammability	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapor pressure	<0.0000001 kPa at 25°C
Relative vapor density	No data available
Density and/or relative density	Specific gravity approx. 1.12 (water = 1)
Water solubility	Freely soluble
Partition coefficient: n-octanol/water	No data available
Kinematic viscosity	No data available
Particle properties	Powdery

9.2 Other information

Molecular formula	$C_{12}H_{19}Cl_3O_8$
Molecular weight	397,64 g/mol
Solubility	Freely soluble in methanol and alcohol, slightly soluble in ethyl acetate

10 Stability and reactivity

10.1 Reactivty

No data available

10.2 Chemical stability

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions are to be expected if used as intended.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

When heated to decomposition or under fire conditions, toxic fumes of chlorine compounds (e.g., chlorine-containing fumes) are produced..

11 Toxicological information

11.1 Information on hazard classes according to Regulation (EC) No. 1272/2008

Acute oral toxicity	Mouse: >1,600 mg/kg Rat: >10,000 mg/kg
Acute dermal toxicity	No data available
Acute inhalation toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity (single exposure)	No data available
Specific target organ toxicity (repeated exposure)	No data available
Aspiration hazard	No data available

11.2 Information on other hazards

Endocrine disrupting properties

No data available

12 Environmental information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulatiove potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

No data available

12.8 Other information

No data available

13 Disposal instructions

13.1 Waste treatment methods

Product disposal

Dispose of in accordance with local regulations. Empty containers or liners may contain product residue. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Disposal of packaging

Empty containers must be taken to an approved waste treatment facility for recycling or disposal. As empty containers may contain product residues, the warnings on the label must be observed even after the container has been emptied.

14 Transport information

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

Not hazardous for transport. Not regulated.

14.3 Transport ICAO-TI / IATA

Not regulated as dangerous goods.

14.4 Packing group

No data available

14.5 Environmental hazards

No data available

14.6 Special precautions for user

No data available

14.7 Transport in bulk by sea according to IMO regulations

No data available

14.8 Transport/further information

No data available

15 Legislation

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

15.1.1 Regulations

According to US federal regulations, the product is not classified/regulated as a hazardous substance (CERCLA/SARA: not applicable; SARA 302/311/312: no; SDWA and FDA: not regulated; Proposition 65: no listed carcinogens or reproductive toxins known). In Europe, the ingredients are listed in EINECS (compliance with inventory requirements).

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this substance.

16 Other information

16.1 Abbreviations and acronyms

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG - International Maritime Dangerous Goods Code

IATA - International Air Transport Association

ICAO-TI - International Civil Aviation Organization Technical Instructions

CLP - Classification, Classification, Labeling and Packaging of Substances and Mixtures

GHS - Globally Harmonized System of Classification and Labeling of Chemicals

EINECS - European Inventory of Existing Commercial Chemical Substances

CAS - Chemical Abstracts Service (registration number)

REACH - Registration, Evaluation, Authorization and Restriction of Chemicals, Registration, Evaluation, Authorization and Restriction of Chemicals

PBT - Persistent, Bioaccumulative and Toxic

vPvB - Very Persistent and Very Bioaccumulative

PNEC - Predicted No Effect ConcentrationPBT - Persistent, Bioaccumulative and Toxic

vPvB - Very Persistent and Very Bioaccumulative

16.2 SVHC

The substances on the ECHA list (http://echa.europa.eu/en/candidate-list-table) are neither expected to be present in our products nor are they intentionally used in the production process. Our products do not come into contact with these substances during production. However, it is not possible to completely rule out traces of these substances: due to natural impurities or raw material-related properties, an unintentional content of less than 0.1% cannot be completely ruled out.

16.3 Note for users

The information in this data sheet is based on our current knowledge at the time of the last revision. The user is responsible for checking the suitability and completeness of the information in relation to the specific use of the product.

This document does not constitute a guarantee for specific properties of the product. As we have no direct influence on the use of the product, the user is obliged to comply with all applicable laws, regulations and safety and hygiene provisions on his own responsibility. We accept no liability for improper use. Personnel entrusted with the handling of chemicals must be appropriately trained.