

Safety information sheet

Version: 1.0 EN

Acesulfam K – E950

Article number: D10316

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.

1 Identification of the substance/mixture and the company

1.1 Product identifier

Name	Acesulfam K
CAS number	55589-62-3
EC number	259-715-3
REACH registration	-

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

Description/use	Acesulfame K is a calorie-free, water-soluble sweetener in crystalline powder form. It is often used in combination with other sweeteners. Excessive consumption can lead to digestive problems. For further information on specific applications, please contact us at the telephone number provided – we will be happy to put you in touch with the relevant specialist department.
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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 of the substance or mixture

The product is not classified as hazardous according to Regulation (EU) 2017/542.

2.2 Label elements

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

2.3 Other hazards

-

3 Composition/information on ingredients

Chemical	Acesulfam K
characterization:	
CAS number	55589-62-3
EC number	259-715-3
REACH registration	-
Hazardous ingredients	-
Nanoparticles	No nanoparticles according to Regulation (EU) 2018/1881

4 First-aid measures

4.1 Description of first-aid measures

In an emergency, remove contaminated clothing immediately. If you experience any symptoms or are in any doubt, always seek medical advice.

After eye contact

Immediately rinse thoroughly with clean water for at least 20 minutes with the eyelid open. Consult a doctor if irritation persists.

After skin contact

Wash thoroughly with soap and water. Remove contaminated clothing.

Inhalation or ingestion

Rinse mouth with clean water if the affected person is conscious. Do not induce vomiting. Drink plenty of water. Take the affected person to fresh air. If breathing is difficult, administer oxygen. Seek medical assistance.

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

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5 Firefighting measures

5.1 Extinguishing agents

Suitable extinguishing agents

Water spray, carbon dioxide (CO₂), dry chemical powder/appropriate foam

Unsuitable extinguishing agents

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5.2 Special hazards arising from the substance or mixture

No particular fire hazards known.

5.3 Advice for firefighters

Protective equipment for firefighters

Use personal protective equipment.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid generating dust. Wear personal protective equipment.

6.2 Environmental precautions

Uncontrolled release of the product into the environment must be avoided.

6.3 Methods and material for containment and cleaning up

Collect spilled material, place in a suitable container and prepare for disposal. Avoid raising dust. Ventilate the area well and clean thoroughly after collection.

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

Safety instructions: Wear safety goggles and rubber gloves. Wear suitable respiratory protection if ventilation is inadequate.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a cool, dry place. Ensure adequate ventilation, especially in enclosed spaces.

Recommended storage temperature: room temperature.

7.3 Specific end uses

No further relevant information available.

8 Exposure controls/personal protective equipment

8.1 Parameters to be monitored

No specific occupational exposure limits specified

8.2 Limitation and monitoring of exposure

8.2.1 Appropriate engineering controls

Ensure adequate ventilation of the workplace, see section 7.

8.2.2 Personal protective equipment

Respiratory protection

Normally, no respiratory protection equipment is required. Use suitable respiratory protection if ventilation is inadequate.

Hand protection

Wear rubber gloves.

Eye protection

Use safety goggles with side protection.

Other protective measures

Wear rubber boots and heavy rubber gloves.

Limitation and monitoring of environmental exposure

Avoid uncontrolled release of the product into the environment.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

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Distribution

Form	Free-flowing crystalline powder
Colour	White
Odour	Odourless
pH value at 20°C	5.5 – 7.5
Melting point	No data available
Oxidising properties	No data available
Water solubility	Freely soluble
Partition coefficient	Not determined
n-octanol/water (log value)	Not determined
Solubility in other solvents	Slightly soluble
Solubility in ethanol	Free-flowing crystalline powder

9.2 Other information

No data available.

10 Stability and reactivity

10.1 Reactivity

No dangerous reactions known when used as intended.

10.2 Chemical stability

Stable when stored under recommended conditions.

10.3 Possibility of hazardous reactions

No reactions to be expected under normal storage conditions.

10.4 Conditions to avoid

Avoid high humidity, damp environments and high temperatures.

10.5 Incompatible materials

No specific information available.

10.6 Hazardous decomposition products

None known when stored and handled properly.

11 Toxicological information

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

Acute oral toxicity	Not determined.
Acute dermal toxicity	Not determined.
Acute inhalation toxicity	Not determined.
Skin corrosion/irritation	Contact with skin may cause irritation.
Serious eye damage/irritation	Contact with eyes may cause irritation.

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Distribution

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 Bioaccumulative 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

Non-recyclable residues and excess quantities must be disposed of properly by an authorised waste disposal company.

Disposal of packaging

Treat contaminated packaging as you would the product. Dispose of in accordance with local regulations. Completely empty packaging can be recycled.

14 Transport information

14.1 Transport ADR/RID/ADN

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

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

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/further information

Not a dangerous good according to the mentioned regulations.

15 Legislation

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

Acesulfame K (CAS No. 55589-62-3) is listed in the following regulatory lists:

- Canada Domestic Substances List (DSL)
- US Food Additive Database

15.1.1 EU regulations

According to Regulation (EC) No. 1272/2008 (CLP) the substance is not subject to labeling.

15.1.2 National regulations

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15.2 Chemical safety assessment

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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

GHS - Globally Harmonized System of Classification and Labelling of Chemicals

EINECS - European Inventory of Existing Commercial Chemical Substances

CAS - Chemical Abstracts Service

EC50 - Effective Concentration, 50 %

LC50 - Lethal concentration, 50 %

LD50 - Lethal dose, 50 %

PBT - 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.