

Safety Data Sheet liquid sugar products



Date of revision: 26-01-2021

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name Liquid sugar products
Synonyms Thick juice, Sugar syrup, Invert sugar syrup, Liquid sugar, Liquid invert sugar, Purified molasses

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

Recommended uses Food, Food ingredient, Feed ingredient, Raw material for (bio)chemical processes.
Uses advised against No information available.

1.3 Details of the supplier of the safety data sheet

Cosun Beet Company
Noordzeedijk 113
4671 TL Dinteloord (The Netherlands)
Tel: +31 (0) 165 525 006 (office hours)
E-mail: customerservice@cosunbeetcompany.com

1.4 Emergency telephone number

Cosun Beet Company: +31 (0) 165 525 215 (Netherlands), +31 (0) 165 525 208 (24/7 International)

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification (Regulation (EC) No 1272/2008)

Not classified.

Classification council Directives 67/548/EEC or 1999/45/EEC

Not classified.

2.2 Label elements

None.

2.3 Other hazards

This product does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH.

Section 3. Composition/information on ingredients

3.1 Substances

Chemical nature Sugar and/or invert sugar and non-sugars, originating from the sugar production process and whether or not partially inverted. (Contains: Water 15-40%)

The product does not contain any hazardous materials with occupational exposure limits established.

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Section 4. First aid measures

4.1 Description of first aid measures

General advice	No hazards which require special first aid measures.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention if symptoms occur.
Skin contact	Rinse with soap and water while removing all contaminated clothes and shoes. Seek medical attention if symptoms occur.
Ingestion	Rinse mouth. Drink 1 or 2 glasses of water.
Inhalation	Expose to fresh air. Seek medical attention if symptoms occur.
Protection of first aid responders	Use personal protective equipment.

4.2 Most important symptoms and effects, both acute and delayed

Most important symptoms	No acute and delayed symptoms or effects have been observed.
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4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	Treat the symptoms.
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Section 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Water, foam and powder.
Unsuitable extinguishing media	None.

5.2 Special hazards arising from the substance or mixture

Special hazard	Non in particular.
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5.3 Advice for fire fighters

Special protective equipment	Wear self-contained breathing apparatus and protective suit.
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Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Avoid contact with eyes, skin and clothing. Use personal protective equipment. Ensure adequate ventilation.

6.2 Environmental precautions

Do not flush into surface water or sewage.

6.3 Methods and material for containment and cleaning up

Sweep or vacuum and place into suitable containers for disposal. Discharge containers to a treatment facility. After cleaning rinse remainder with water.

6.4 Reference to other sections

See sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling

No special requirements. Observe good industrial hygiene and safety procedures during operation.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Store at temperatures between 10 and 30 °C. Keep away from heat (avoid Strecker reaction).

7.3 Specific end use(s)

Exposure scenario	Not available.
Other information	Not available.

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Section 8. Exposure controls/personal protection

8.1 Control parameters

Exposure values	The product contains no substances with legal limit.
Recommended monitoring procedures	No information available.
Derived No Effect Level (DNEL)	No information available.
Predicted No Effect Concentration (PNEC)	No information available.

8.2 Exposure controls

Appropriate engineering controls	Ensure adequate ventilation, especially in confined spaces.
Individual protection measures	
Eye/face protection	Protective glasses.
Hand protection	Protective gloves.
Skin and body protection	Long-sleeved clothing.
Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment.
Hygiene measures	Observe good industrial hygiene and safety procedures during operation. Do not eat or drink while working. Wash hands before breaks and immediately after handling the product.
Environmental exposure controls	Prevent the product to enter drains, water courses or soil.

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Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state @20°C	Liquid
Appearance	Syrup
Colour	Clear – (Dark) Brown
Odour	Typical
pH	> 2
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability limits	No information available
Vapour pressure	No information available
Vapour density	No information available
Relative density	Depending on composition
Solubility in water	Soluble
Partition coefficient: n-octanol/water	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available
Explosive properties	No information available
Oxidising properties	No information available

9.2 Other information

No information available

Section 10. Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerisation does not occur.

10.4 Conditions to avoid

Temperatures above 30°C during storage.

10.5 Incompatible materials

None in particular.

10.6 Hazardous decomposition products

None under normal use.

Section 11. Toxicological information

11.1 Information on toxicological effects

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Acute toxicity	
Ingestion	No known effect.
Skin contact	No known effect.
Inhalation	No known effect.
Skin corrosion/irritation	No known effect.
Serious eye damage/irritation	No known effect.
Respiratory or skin sensitisation	No known effect.
Germ cell mutagenicity	Is not known to cause heritable genetic damage.
Carcinogenicity	Contains no ingredients classified as carcinogenic.
Reproductive toxicity	Not known to be causative of abnormalities or adverse effects on the development of the foetus. Not known to cause adverse reproductive effects.
STOT-single exposure	No known effect.
STOT-repeated exposure	No known effect.
Aspiration hazard	No known effect.

Section 12. Ecological information

12.1 Toxicity

Contains no substances known to be hazardous to the environment. An overdose causes such a decrease in the oxygen content that anaerobic conditions can arise.

12.2 Persistence and degradability

Readily biodegradable.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely.

12.4 Mobility in soil

Not applicable.

12.5 Results of PBT and vPvB assessment

Not applicable.

12.6 Other adverse effects

No information available.

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Section 13. Disposal considerations

13.1 Waste treatment methods

Waste of residues / not used product

Dispose of in accordance with local regulations.

Contaminated packaging

Empty packaging / containers should be taken for recycling or disposal at an approved waste treatment plant.

Section 14. Transport information

According: ADR, RID, ADN, IMDG, IATA/ICAO

14.1 UN number

Not regulated.

14.2 UN proper shipping name

Not regulated.

14.3 Transport hazard class(es)

Not regulated.

14.4 Packing group

Not regulated.

14.5 Environmental hazards

Not applicable.

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

Restrictions for use

None.

Other regulations

None.

15.2 Chemical safety assessment

Not necessary.

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Section 16. Other information

Full text of H-phrases referred to in Sections 2 and 3

Not applicable.

Abbreviations / acronyms	(E)EC European Commission REACH Registration, Evaluation, Authorisation and Restriction of Chemical substances STOT Specific Target Organ Toxicity PBT Persistent, Bioaccumulative, Toxic vPvB very Persistent and very Bioaccumulative ADR Accord européen relatif au transport international des marchandises Dangereuses par Route RID Regulations for the International Transport of Dangerous Goods by Rail ADN Accord européen relatif au transport international des marchandises Dangereuses par voies de Navigation intérieures IATA International Air Transport Association ICAO International Civil Aviation Organization IMDG International Maritime Dangerous Goods Code
Notes on revision	New layout, Composition, First Aid Measures.
Training advice	Staff must be trained in the proper use and proper handling of this product as required under applicable laws and regulations.

Disclaimer

The information in this safety data sheet is to our best knowledge and belief correct at the date of publication. This information is intended as a guide for safe work (handling, use, processing, storage, transportation, disposal and release) and should not be considered a warranty or quality specification. The information relates only to the specific product indicated and may not be valid for this product in combination with other products or processes, unless specified in the text.