



Sucrose DC
Safety Data Sheet
Technical Specifications
Intolerance Data

We don't just sell machines—
we provide service.

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1. Safety Data Sheet



1.1 Description

| | |
|---------------------|---|
| Product Name | Sucrose DC |
| Product Code | SUC |
| Supplier | LFA Machines Oxford Ltd. Unit 4b, 26-27 Murdock Road Bicester, Oxfordshire OX26499 United Kingdom Tel: +44 (0) 1869 250 234 |

1.2 Ingredients/Identity Information

| | |
|----------------------|---|
| Components | Sucrose |
| % in Product | 100% |
| CAS Number | N/A |
| Formula | C ₁₂ H ₂₂ O ₁₁ |
| EINECS Number | N/A |

1.3 Hazards Identification



| | |
|---|---|
| Potential Acute Health Effects | Not expected to be a hazard (inhalation). Serious inhalation may produce persistent cough and possible difficulty in breathing. |
| Potential Chronic Health Effects | Not applicable |
| Carcinogenic Effects | Not applicable |
| Mutagenic Effects | Not applicable |
| Teratogenic Effects | Not applicable |
| Developmental Toxicity | Not applicable |
| Hazardous Symbol/ Pictograms | Not applicable |
| Signal Words | Not applicable |

To the best of our knowledge, our products do not contain any contaminants or by-products known to the State of California that cause cancer or reproductive toxicity as listed under Proposition 65 Drinking Water and Toxic Enforcement Act.

1.4 First Aid Procedures



| | |
|-----------------------------|--|
| Eye Contact | Flush eyes with water for 15 minutes. Seek medical attention if irritation persists. |
| Skin Contact | Wash affected area with soap and water. |
| Serious Skin Contact | Get medical attention. |
| Inhalation | Inhalation of fine particles may irritate respiratory tract. Remove affected person to fresh air. Seek medical attention if irritation persists. |
| Serious Inhalation | Get medical attention. |
| Ingestion | Ingestion of large doses may cause gastrointestinal disturbances. Seek medical attention if discomfort persists. |
| Serious Ingestion | Get medical attention. |

1.5 Fire and Hazard Data



| | |
|---------------------------------|--|
| Fire | Not applicable. |
| Explosion | Potential dust explosion when uniform mixture of fine dust and air (50 g per cubic meter of air) is ignited in a confined place. |
| Fire Extinguishing Media | Water fog, water spray, carbon dioxide. |
| Special Information | Evacuate personnel to safe area. Firefighters should use self-contained breathing equipment and protective clothing. |

Firefighting Media and Instructions

Small Fire

Use extinguishing media most appropriate for the surrounding fire. Wear a self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode. Dike area to prevent run off and contamination of water sources.

Large Fire

Use extinguishing media most appropriate for the surrounding fire. Wear a self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode. Dike area to prevent run off and contamination of water sources.



1.6 Release/Spill Measures

Procedure if Material is Spilled or Released

Avoid creating airborne dust during cleanup. Product is water-soluble.

Methods for Material Containment and Cleaning Up

Sweep or scoop up and remove into container for waste disposal in accordance with government regulations. Flush area with water.

Environmental Precautions

Not applicable.

1.7 Storage

Keep in a tightly closed container and store in a cool, dry ventilated area. This material should be stored at ~20°C and 50% relative humidity. Protect against physical damage and heat, sparks, and flame. Isolate from incompatible substances. Containers of this material may be hazardous when emptied since they retain product residues. Observe all warnings and precautions listed for the product.

1.8 Control Methods/PPE

Engineering Controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure.

Personal Protective Equipment

- Appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
- Wear appropriate protective gloves to prevent skin contact.
- Wear appropriate protective clothing to prevent skin exposure and follow normal GMP and safety guidelines.
- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

1.9 Physical and Chemical Properties



| | |
|----------------------------|------------------------------|
| Physical State | Free flowing granular powder |
| Color | White |
| Odor | Characteristic |
| Solubility in Water | Soluble |

1.10 Stability and Reactivity

| | |
|---|--|
| Reactivity | Stable under ambient temperatures and normal conditions of use. |
| Conditions to Avoid | Heat, open flames, sparks, heavy dusting. Protect from moisture. |
| Incompatibility | None known. |
| Hazardous Decomposition Products | None known. |
| Hazardous Polymerization | Will not occur. |

1.11 Toxicological Information



| | |
|---|--|
| Acute Effects | Persistent cough, possible difficulty in breathing. |
| Chronic Effects | No evidence of adverse effects from available information. |
| Carcinogenicity | No evidence of adverse effects from available information. |
| Reproductive Toxicity | No evidence of adverse effects from available information. |
| Teratogenicity | No evidence of adverse effects from available information. |
| Mutagenicity | No evidence of adverse effects from available information. |
| Toxicologically Synergistic Products | None known. |

See Registry of Toxic Effects of Chemical Substances (RTECS) for complete information.



1.12 Ecological Information

| | |
|----------------------|--|
| Ecotoxicity | This product has not been evaluated for its ecotoxicity. |
| Air Pollution | Observe local/national regulations |

1.13 Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use, or contamination of this product may change the waste management options. State local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state, and local requirements.

1.14 Transport Information

Transport Classification

Not classified as dangerous for any mode of UK or International transport.

1.15 Regulatory Information

Follow local, provincial, and federal regulation.

1.16 Other Information



This advice is given by LFA Machines Oxford Ltd., who accept no legal liability for it. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

Individuals working with chemicals should consider all chemicals to be potentially hazardous even if their individual hazards may be uncharacterized or unknown.

We confirm that the information above is sourced from the original manufacturers/suppliers.

2. Technical Specifications



2.1 Product Data

| | |
|---|---|
| Product Code | SUC |
| Raw Material Full Name | Sucrose DC |
| CAS Number | Not available |
| EC/EINECS Number | Not available |
| Molecular Formula for the Raw Material | C ₁₂ H ₂₂ O ₁₁ |
| Assay | 95%-98% Sucrose |
| Moisture | NMT 1.0% |
| Residue on Ignition | NMT 0.1% |
| Chloride | NMT 0.014% |
| Sulfate | NMT 0.01% |
| Calcium | Solution remains clear not less than 1 minute |
| 100 Mesh Thru | 25 |
| 20 Mesh Thru | 5 |
| Aerobic Plate Count | <3000 cfu/g |
| Bulk Density (loose) | 0.55 g/ml |
| Country of Origin | USA |
| Country of Origin of Manufacture | USA |
| Origin of Product (Synthetic, Mineral, Animal, Fish, or Fermented) | Plant |
| Shelf Life from Date of Manufacture | 2 years |
| Storage Conditions | Store in a clean, cool, and dry place in the original sealed container. |
| Appearance (Color, Flavor/Taste, Texture, Odor) | Free-flowing granular powder. Color is white. Flavor/taste is characteristic. Odor is characteristic. |

2.2 Microbiological Test



| | |
|------------------------------|---------------|
| Yeast and Molds | <100 cfu/g |
| E.Coli | Negative/10 g |
| Salmonella | Negative/25 g |
| Staphylococcus Aureus | Negative/25 g |

2.3 Metals

| | |
|------------------------------------|------------|
| Heavy Metals | Max 10 ppm |
| Lead (Pb) | <0.200 ppm |
| Chloride (Cl) | <0.200 ppm |
| Copper (Cu) | <0.200 ppm |
| Arsenic (As) | <0.200 ppm |
| Pharmacopoeia Standard Used | ICP-OES |

There are no nuts in this recipe, and there are no nuts on site. However, we cannot guarantee that the raw materials entering the site are nut free.

2.4 Confirmation of Status List



CONFIRMATION OF BSE/TSE STATUS

This is to certify that this product complies with all relevant current UK and EU Legislative requirements in regard to Transmissible Spongiform Encephalopathy (TSE) and Bovine Spongiform Encephalopathy (BSE) for human food, and so is free of TSE/BSE. This is also to certify that, during the course of their manufacture, the above-mentioned product did not come into contact with any materials, which could be derived from TSE/BSE risk materials.

CONFIRMATION OF GM STATUS

This is to certify that this product is not manufactured from GM raw materials and is therefore not subject to labelling under regulations 1829/2003/EC and 1830/2003/EC.

CONFIRMATION OF NON-IRRADIATION STATUS

This is to certify that this product, whole or in part, has not been subjected to ionizing radiation as per European Directives 1999/2/EC and 1000/3/EC.

CONFIRMATION OF NANDROLONE STATUS

This is to certify that this product, whole or in part, has not come into contact with Nandrolone or any of its precursors in any way.

CONFIRMATION OF IOC PRODUCT STATUS

This is to certify that this product, whole or in part, has not come into contact with any product(s) banned by the IOC (International Olympics Committee).

CONFIRMATION OF ANIMAL TESTING STATUS

This is to certify that all the products sold by LFA Machines Oxford Ltd. have not been tested on animals in any part of its manufacture in accordance with regulation 86/609/EEC.

CONFIRMATION OF PESTICIDES STATUS

This is to certify that the above-mentioned product complies with the regulation (EC) No. 396/2005 of 23rd February 2005 and commission regulation (EU) No. 559/2011 of 7th June 2011 amending annexes II and III of the above Regulation.

3. Intolerance Data

3.1 Intolerance Data Table



| | |
|---|-----|
| Free from all animal products (beef, pork, poultry, or other) | YES |
| Free from bovine products or derivatives by using hormones to increase milk yield in cows | YES |
| Free from bone meal | YES |
| Free from peanuts and peanut derivatives (including possible cross contamination) | YES |
| Free from other nut and nut derivatives | YES |
| Free from nut derived oil | YES |
| Free from sesame seeds and sesame seed derivatives | YES |
| Free from poppy seeds and poppy seed derivatives | YES |
| Free from sunflower seeds and sunflower seed derivatives | YES |
| Free from other seeds and seed derivatives | YES |
| Free from milk and milk derivatives | YES |
| Free from egg and egg derivatives | YES |
| Free from cereals containing gluten (wheat/rye/oats/barley/spelt/kamut or their hybridized strains) and derivatives | YES |
| Free from soya and soya derivatives | YES |
| Free from maize and maize derivatives | YES |
| Free from corn and corn derivatives | YES |
| Free from lupin and lupin derivatives | YES |
| Free from yeast and yeast derivatives | YES |
| Free from cotton seeds (flour) and cotton seed derivatives | YES |
| Free from rice and rice derivatives | YES |
| Free from mustard and mustard derivatives | YES |
| Free from celery and celery derivatives | YES |
| Free from celeriac and celeriac derivatives | YES |
| Free from fruit and fruit derivatives | YES |
| Free from vegetable and vegetable derivatives | YES |
| Free from carrot and carrot derivatives | YES |
| Free from legumes/pulses | YES |



| | |
|---|-----|
| Free from fish and fish derivatives | YES |
| Free from crustaceans and/or molluscs and their derivatives | YES |
| Free from additives | YES |
| Free from added salt | YES |
| Free from added sugar | YES |
| Free from antioxidants | YES |
| Free from artificial glutamates | YES |
| Free from aspartame | YES |
| Free from Azo and coal tar dyes | YES |
| Free from benzoates (E210/E219) | YES |
| Free from BHA/BHT (E320/E321) | YES |
| Free from caffeine | YES |
| Free from cinnamon | YES |
| Free from cocoa | YES |
| Free from colors (artificial/nature identical/natural/smoked) | YES |
| Free from dextrose | YES |
| Free from dioxins | YES |
| Free from ethanol | YES |
| Free from ethylene oxide | YES |
| Free from flavorings (artificial/nature identical/natural/smoked) | YES |
| Free from garlic | YES |
| Free from gelatine | YES |
| Free from glutamates (E620 to E625) | YES |
| Free from histamine | YES |
| Free from hickory | YES |
| Free from honey | YES |
| Free from lactose | YES |



| | |
|--|-----|
| Free from latex | YES |
| Free from MSG (added and naturally occurring E621) | YES |
| Free from nucleotides (E627, E630, E631. E635) | YES |
| Free from polyols | YES |
| Free from preservatives | YES |
| Free from starch products (including maltodextrin) | NO |
| Free from sorbic acid (E200, E203) | YES |
| Free from sulphur dioxide and sulphites at levels above 10 mg/kg or 10 mg/liter express as SO² | YES |
| Free from sweeteners | YES |
| Free from vanillin | YES |
| Suitable for diabetics | YES |
| Suitable for Celiacs | YES |
| Suitable for Ovo-Lacto Vegetarians | YES |
| Suitable for Vegans | YES |
| Kosher Certified | YES |
| Halal Certified | YES |



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