

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Brandname FiberDesign™ Citrus  
REACH status Exempt

Chemical name	CAS No	EC#
Citrus limon (lemon) peel powder	84929-31-7	284-515-8
Sclerotium gum	39464-87-4	254-464-6
Citrus Aurantifolia (lime) peel powder	90063-52-8	290-010-3

Revision date 30-11-2021

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

Intended use Texturizing agent used in cosmetic products

**1.3. Details of the supplier of the safety data sheet****Company identification**

Cargill France SAS  
Usine de Baupte, Rue de Seves  
50500 CARENTAN  
France

Non emergency telephone + 33 233 713 400  
Fax number + 33 233 713 465  
E-mail address [Cts\\_Msds@cargill.com](mailto:Cts_Msds@cargill.com)

**1.4 Emergency telephone number**

Emergency telephone + 33 233 713 400 (24/7)

**SECTION 2: Hazards identification****2.1 Classification of the substance/mixture**

Classification according to Regulation (EC) No 1272/2008 as amended

**Hazard summary****2.2. Label elements**

Label according to Regulation (EC) No. 1272/2008 as amended

**Hazard statement**

The substance does not meet the criteria for classification.

**Precautionary statements****Prevention**

Not assigned.

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**Response**

Not assigned.

**Storage**

Not assigned.

**Disposal**

Not assigned.

**Supplemental label information**

None.

**2.3 Other hazards**

Not assigned.

**SECTION 3: Composition/information on ingredients**

Chemical name	CAS No	EC#
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**SECTION 4: First aid measures****General information**

If symptoms persist or in case of doubt, seek medical advice.

**4.1 Description of first aid measures****Inhalation**

If symptomatic, move to fresh air. Get medical attention if symptoms persist.

**Skin contact**

Wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

**Eye contact**

Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention promptly if symptoms occur after washing.

**Ingestion**

No harmful effects expected in amounts likely to be ingested by accident (food grade). Seek medical advice if larger quantities ingested or symptoms occur.

**4.2. Most important symptoms and effects, both acute and delayed**

Dust may irritate the eyes and the respiratory system.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5: Firefighting measures****General fire hazards**

Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**5.1 Extinguishing media****Suitable extinguishing media**

Water. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media**

None known.

**5.2 Special hazards arising from the substance or mixture**

This material, like most materials in powder form, is capable of creating a dust explosion. Material can burn in presence of flame and continues when flame disappears. The smoke characteristics can be compared to an organic product.

**5.3 Advice for firefighters****Special protective equipment for firefighters**

Self-contained breathing apparatus, operated in positive pressure mode and full protective clothing must be worn in case of fire.

**Special firefights procedures**

Cool endangered receptacles with water spray. Dispose of fire debris and contaminated firefighting water in accordance with official regulations. Collect contaminated firefighting water separately.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedure****For non-emergency personnel**

Wear appropriate personal protective equipment.

**For emergency responders**

Keep unnecessary personnel away.

Ensure adequate ventilation.

Use respiratory protective device against the effects of fumes / dust / aerosol.

Pay attention to the particular danger of slipping on wetted leaked / spilled product.

**6.2 Environmental precautions**

Prevent runoff from entering drains, sewers, or streams.

**FiberDesign™ Citrus****6.3 Methods and material for containment and cleaning up**

Sweep up spilled substance and remove to safe place. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Nonsparking tools should be used.

**6.4 Reference to other sections**

For personal protection, see section 8. For waste disposal, see Section 13.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Avoid handling which leads to dust formation. Observe good industrial hygiene practices. Avoid contact with eyes, skin and clothing.

**7.2. Conditions for safe storage, including any incompatibilities**

Keep container closed away from heat sources and protected from extremes of temperature, light and humidity. Store separately from any flavor or chemical products. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Occupational exposure limits**

Not available.

**Recommended monitoring procedures**

Not established.

**DNEL**

Not available.

**PNEC**

Not available.

**8.2 Exposure controls****Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

**FiberDesign™ Citrus****General information**

Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.  
The usual precautionary measure should be adhered.

**Eye/face protection**

Wear safety glasses with side shields (or goggles).

**Skin protection****Hand protection**

Chemical resistant gloves are recommended.  
Wash hands before breaks and at the end of the work.

**Other**

Wear chemical-resistant gloves, footwear and protective clothing appropriate for risk of exposure. Contact glove manufacturer for specific information.

**Respiratory protection**

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister.

**Thermal hazards**

Not applicable.

**Hygiene measures**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**Environmental exposure controls**

Environmental manager must be informed of all major releases.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance	Creamy-white to light brown colored, fine powder (see product data sheet)
Odour	Neutral to slightly citrus.
Odour threshold	Not available.
pH	Typically 4.0 to 6.0
Flash Point	Not applicable.
Auto-ignition temperature	Not applicable.
Flammability (solid, gas)	Not available.
Flammability limit lower	Not available.

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Flammability limit upper	Not available.
Oxidising properties	Not applicable.
Explosive properties	Not available.
Explosive limit	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Relative density	at 25°C, 0.3 - 0.7 g/cm <sup>3</sup>
Solubility in water	This product contains some insoluble material and will not dissolve in aqueous media.
Partition coefficient (Log K octanol/water)	Not available.
Decomposition temperature	Not available.
Percent volatile	Not available.

**Other information**

No relevant additional information available.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

None known.

**10.2 Chemical stability**

Stable under the prescribed storage conditions.

**10.3 Possibility of hazardous reactions**

Hazardous polymerization does not occur.

**10.4 Conditions to avoid**

Incompatible materials. Minimize dust generation and accumulation.

**10.5 Incompatible materials**

Strong oxidizing agents and acids.

**10.6 Hazardous decomposition products**

None. Thermal decomposition gives smoke (see section 5).

**SECTION 11: Toxicological information****General information**

Under normal conditions of intended use, this material does not pose a risk to health.

**Information on likely routes of exposure**

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### Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

### Inhalation

Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

### Skin contact

None known.

### Eye contact

Direct contact with eyes may cause temporary irritation.

### Symptoms

Dust may irritate the eyes and the respiratory system.

### 11.1 Information on toxicological effects

#### Acute toxicity

Dust may irritate the eyes and the respiratory system.

#### Skin corrosion/irritation

Dust may irritate skin for sensitive persons.

#### Serious eye damage/eye irritation

Direct contact with eyes may cause temporary irritation.

#### Respiratory sensitization

None known.

#### Skin sensitization

Dust may irritate skin for sensitive persons.

#### Germ cell mutagenicity

Not assigned.

#### Carcinogenicity

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

#### Reproductive toxicity

None known.

#### Specific target organ toxicity - single exposure

None known.

#### Specific target organ toxicity - repeated exposure

None known.

**Aspiration hazard**

Not applicable.

**Mixture versus substance information**

Not available.

**Other information**

Not available.

**SECTION 12: Ecological information****12.1 Toxicity**

No toxicity data noted for the ingredient(s).

**12.2 Persistence and degradability**

Biodegradable; fibers are part of citrus fruits.

**12.3 Bioaccumulative potential**

No data available.

**Mobility**

Not available

**Environmental fate - Partition coefficient**

Not available.

**12.4 Mobility in soil**

Low potential for adsorption to soil.

**12.5 Results of PBT and vPvB assessment**

Substance / mixture do not meet screening criteria.

**12.6 Other adverse effects**

No further relevant information available.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Residual waste**

Dispose of in accordance with local regulations.

**Contaminated packaging**

Since emptied containers may retain product residue, follow label warnings even after container is emptied.



**EU waste code**

Waste codes should be assigned by the user based on the application for which the product was used.

**SECTION 14: Transport information****14.3 Transport hazard class(es)**

ADR	Not regulated as dangerous goods.
RID	Not regulated as dangerous goods.
ADN	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No information available.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Other regulations**

The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

**15.2 Chemical safety assessment**

A Chemical Safety Assessment is not required for this substance.

Commission Regulation (EU) No. 2015/830 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

**SECTION 16: Other information****List of abbreviations**

Not available.

**REFERENCES**

Not available.

**Revision information**

Date of first issue	11-07-2016
Supersedes date	30-11-2021

**Information on revision****Reason for changes**



**Safety data sheet according to eu regulation 1907/2006**

**FiberDesign™ Citrus**

update physical and chemical properties

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