

R3-DE-019

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Version: 3.2



SAFETY SHEET

According to the article 32 of REACH regulation 1907/2006

CareTips L0003

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

1.1. Product identifier

Product name: CareTips L0003

1.2. Relevant identified uses of substance or mixture

Identified uses: Raw material for industrial use

1.3. Details of the supplier of the safety data sheet

Manufacturer: LACTIPS – Bat 5 – Parc technologique Métrotech – Route de Saint Jean Bonnefonds – 42650 SAINT JEAN BONNEFONDS – France

Telephone: + 33 4 81 13 04 90

Mail: info@lactips.com

2 / Hazards identification

Not classified

3 / Composition / information on ingredients

Polymer made of milk protein.

4 / First aid measures

4.1. Description of first aid measures

Inhalation: if the decomposing product is inhaled, move the person into the fresh air.

Skin contact: in case of skin reaction, immediately wash with water and soap.

Eye contact: flush eyes with plenty of flowing water until all residue dissolves and rinsed away.

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. Extinguishing media

The product is not flammable. Use a method similar to same type of product.

5.2. Special hazards arising from the substance or mixture Carbon oxides

No data available

5.3. Advice for firefighters

No data available

6 / Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific measures necessary

6.2. Environmental precautions

No specific measures necessary

6.3. Methods and material for containment and cleaning up

Sweep up and shovel. Keep in dry containment and cleaning up.

6.4. Reference to other sections

Not necessary

7 / Handling and storage

7.1. Precautions for safe handling

Provide appropriate ventilation during the melting process of the product.

7.2. Conditions for safe storage, including any incompatibilities

Recommended conditions of storage are: 15-25°C

Store the product on the original container tightly closed, way from any heating or direct light sources.

7.3. Specific end use

Blown film extrusion and plastic parts by injection

8 / Exposure controls / personal protection

8.1. Control parameters

Data not available.

8.2. Exposure controls

Safety equipment:



Eye/face protection: During the melting process of the product, use eyes protection equipment tested and approved according to the government standards EN 166.

Skin protection: During melt processing of the product, use heat protective gloves tested and approved according to the government standards such as EN 407.

Body Protection: The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection equipment is not required.

9 / Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: pellets

Odour: weak

Colour: pale yellow

pH at 10% : 6.8

Melting point: not applicable. Amorphous material

Flash point: no data available

Evaporation rate: not applicable

Relative density: 1.17 – 1.20 (g/cm³)

Solubility: soluble in water

Decomposition temperature: 130°C

Glass Transition Temperature : 60°C (for pellets conditioned at 50% RH)

Viscosity at 15%: 30 mPa.s

Explosive properties: no available data

Oxidizing properties: no available data

9.2. Other information

No available data

10 / Stability and reactivity

10.1. Reactivity

No known identify reactivity danger associated with this product.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No available data

10.4. Conditions to avoid

Avoid excessive heat.

10.5. Incompatible materials

Avoid water and humidity to maintain optimal properties of the product during the storage.

10.6. Hazardous decomposition products

No available data

11 / Toxicological information

No available data

12 / Ecological information

12.1. Toxicity

No available data

12.2. Persistence and degradability

Aerobic biodegradation (ISO 14851): 97.8 % in 28 days

12.3. Bio accumulative potential

No available data

12.4. Mobility in soil

No available data

12.5. Results of PBT and vPv assessment

No available data

12.6. Other adverse effects

No available data

13 / Disposal considerations

13.1. Waste treatment methods

Verify the possibility of reutilization. Dispose of the waste in an appropriate waste disposal facility according to current applicable laws and regulations.

Compostability: no available data

14 / Transport information

Not concerned

15 / Regulatory information

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

The product is not concerned by REACH regulation nor by SEVESO directive.

15.2. Chemical safety assessment

Not required.

16 / Other information

Last updates:

- Section 1
- Section 2
- Section 3
- Section 8
- Section 9
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- Section 14

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guideline. The information in this document is based on the present state of our knowledge and is applicable to the product regarding the appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lactips shall not be held liable for any damage resulting from handling or from contact with the above product.