



SAVE



COOK



PACK



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CORN-COB POWDER SAFETY SHEET

1. PRODUCT IDENTIFICATION

1.1. Commercial name:

Corn-cob.

1.2. Product name:

Corn-cob powder.

1.3. Product type:

Untreated corn-cob granules obtained by grinding the hard part of the corn-cob.

1.4. Product description/shape:

A kind of sieving flour with different particle-sizes.

1.5. Supplier:

BESSER VACUUM SRL
VIA CASARSA 57
33030 DIGNANO (UD)
ITALY
P.I. E C.F. 02017480415

1.6. In case of emergency contact:

TEL. +39 (0) 432 95 30 97
EMAIL. info@besservacuum.com

2. RISKS IDENTIFICATION

2.1. Most important risks:

The product, as it is, is not dangerous, and no particular attention is required.

2.2. Specific risks:

No particular attention to specific risks is required.

2.3. Chemical/physical risks:

In case of fire avoid inhaling the smoke.

2.4. Explosion risks:

No specific risk.

3. PRODUCT COMPOSITION/INFORMATION ON COMPONENTS

3.1. Chemical nature of components:

Natural corn-cob in granules.

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3.2. Hazardous components:

Does not contain hazardous components.

4. FIRST AID

4.1. Respiratory tract:

This is an inert solid product, and therefore it does not produce vapours.

In case of accidental exposure to combustion fumes immediately move the person to open air, in a sitting position. Loosen his/her clothes and, if the breathing problem persists, take him/her to the nearest hospital.

4.2. Skin:

Normally no first-aid treatments are required.

4.3. Eyes:

In case of contact with dust or corn-cob particles wash abundantly with water lifting up the eye lids. Seek medical attention.

4.4. Ingestion:

It is advisable to avoid the ingestion of dust and corn-cob particles.

5. FIRE EXTINGUISHING MEASURES

5.1. Specific risks:

The granules burn slowly.

5.2. Fire extinguishing procedure:

Adopt the usual procedure to extinguish burning solids.

5.3. Means to be used to put out the fire:

All usual means are indicated: water, carbon dioxide, foam, chemical powder.

5.4. Dangerous combustion by-products:

Carbon monoxide.

5.5. Protection means:

Wear breathing masks and protective garments to avoid contact with skin, eyes and nose.

6. PRECAUTIONS IN CASE OF ACCIDENTAL SPILL

6.1. General precautions:

Gather the granules to avoid dangerous obstacles and slidings at workplace.

6.2. Environmental precautions:

None.

6.3. Cleaning methods:

Gather the granules with manual or mechanical clearing devices.

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7. HANDLING AND STORAGE

7.1. Handling precautions:

Maintain an effective change with manual or mechanical clearing devices.

7.2. Storage conditions:

The product should be stored in cool, dry, ventilated premises, far from heat sources and easily flammable goods.

7.3. Storage temperature:

Room temperature.

7.4. Packaging:

Raffia poly-propilene, plastic or paper bags.

7.5. Storage precautions:

Independently from the intrinsic proprieties of the product, storing the product in bags in rooms with humidity, strong sunlight and high temperature may cause ruptures in and product spills.

8. EXPOSURE CONTROL/INDIVIDUAL PROTECTION

8.1. Precautions:

The products, used as it is, is not dangerous and under normal conditions no particular attention is required

8.2. Breathing protection:

In case of dust use usual protective masks.

8.3. Hand protection:

Under normal working conditions no particular attention is required.
When sand-blasting use abrasive resistant gloves.

8.4. Eye protection:

The type of protection depends on the use; if sand-blasting protect the eyes with clear protective glasses.

8.5. Skin protection:

No protection required.
When sand-blasting, use standard protective equipment.

9. PHYSICAL PROPERTIES

9.1. Physical state:

Solid.

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Granular.

9.3. Color:

Light cream.

9.4. Odour:

Characteristic.

9.5. Melting point:

Not applicable.

9.6. Relative density:

0,4/0,6 kg/dmc approx.

9.7. Water solubility:

Insoluble.

9.8. Conditions for decomposition:

Product minimum humidity 50% minimum temperature 60°C.

9.9. Inflammability point:

205°C approx.

10. STABILITY AND REACTIVENESS**10.1. Stability:**

The product is chemically stable under normal handling and stocking conditions.

10.2. Situation to avoid:

Temperatures over 100°C; product stored closet o heat and humidity sources.

10.3. Substances to avoid:

No one.

10.4. Dangerous decomposition by-products:

Carbon monoxides.

11. TOXICOLOGICAL INFORMATION**11.1. Basic consideration:**

The information are based on the toxicological information of the components and on those of similar products.



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11.2. Respiratory tract risks:

Not applicable at room temperature (23°).

At very high temperatures (above 100°C) smoke and vapours that are produced may be irritating to the respiratory tract. Dust also may cause irritation.

11.3. Risks to the skin:

Not applicable at room temperature (23°).

11.4. Risks to the eyes:

Dust may cause mechanical irritation if in contact with the eye bulbs.

11.5. Ingestion risks:

This product should not be ingested. In case of accidental ingestions does not cause any dangerous consequence.

12. ECOLOGICAL INFORMATION**12.1. Basic evaluation:**

The information are based on the knowledge of the toxicological characteristics of the components and of those of similar products.

12.2. Persistence/degradability:

Biodegradability: high.

UV degradability: existing, but at very low values.

12.3. Eco-toxicity:

There are no indications that similar products may have been responsible for environment pollution.

12.4. Toxicity in water:

No one.

13. CONSIDERATIONS ON PRODUCT DISPOSAL**13.1. Elimination of residues:**

The incineration a/o elimination must be performer according to the local, National and the CEE regulations.

13.2. Packaging treatment:

Empty packagings are not contaminated by the product, and so they may be re-used, for example as garbage containers.

Empty containers shall be disposed of at authorized disposal sites.

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14. TRANSPORT INFORMATION

14.1. General conditions:

Transport in dry conditions is advised.

14.2. Special conditions:

None.

15. INFORMATION ON REGOLAMENTATION

15.1.

This product needs not to comply to the specifics of Directive 88/379 EEC since it is not defined as a dangerous substance.

16. OTHER INFORMATION:

16.1.

The information mentioned here refer only to this specified product and might not be valid if the product is used in combination with other products. This product can be handled and stocked following the usual existing industrial legislation. The information mentioned here are based on our knowledge at the above mentioned date and on the technical information provided by the raw material suppliers. They refer only to the product mentioned in the object and do not represent any indication on a particular quality of the product. The user is bound to ensure that the information is complete and applicable to the use he intends to make of the product.

Besser Vacuum srl - Valentina Cancellier
Responsabile qualità

Dignano 2014


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