



Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

Date 10.01.2016

Version 3.0

PINEAPPLE POWDER

1. Identification of the substance/preparation and the company

Trade name: Pineapple powder
 Utilization: Ingredient for cosmetic products
 Supplier company identification: **Elemental SRL**, Piata Cazarmii no.15, 410188-Oradea, jud.Bihor, Romania
 Tel/Fax: +40259-436.755, office@elemental.eu
 Emergency: RO: numar national pentru cazuri de urgenta: 021 3183606 Institutul de Sanatate Publica Bucuresti. International emergency number: +49 180 2273-112

2. Hazards Identification

Classification according to Regulation EU 1272/2008: Not classified as a hazardous substance.
 Labelling according to EU regulation 1272/2008 (GHS-Labelling)
 Signal word: None Pictograms: None
 Hazard phrases: None Safety phrases: None
 Other hazards: None

Classification according to EU 67/548 EEC or 1999/45/EC: Not classified as a hazardous substance.
 Labelling according to EU regulation 67/548
 Hazard Symbol: None
 Risk phrases: None
 Safety phrases: None

3. Composition / Information on ingredients

Origin: obtained by water extraction and dried on wheat maltodextrin support of the stalk/stem of Ananas sativus.
 INCI-name: ananas sativus stem powder, maltodextrin
 CAS-number: n/a EINECS-number: n/a

4. First Aid

Generally: No special measures required. A medical examination is not necessary.
 First aid after Inhalation: Usual measure required. Seek medical advice if necessary.
 First aid after Skin contact: In general product is not skin-irritating. Wash skin with soap and water.
 First aid after Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
 First aid after Ingestion: No special measures required. In the event of unintentional swallowing, do not force vomiting. Seek medical attention if necessary, showing the label.
 Most important symptoms and effects, acute/delayed: No symptoms known.

5. Fire-fighting Measures

Suitable extinguishing media: Foam, CO₂, dry extinguishing powder.
 Unsuitable extinguishing media: Do not use direct water jet on burning material.
 Protective equipment: Keep away from sources of ignition. Do not smoke. Respiratory and eye protection required for fire crews when exposed to smoke or fumes.



Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

Date 10.01.2016

Version 3.0

PINEAPPLE POWDER

Fire and explosion protection: This product is made up of inflammable material with low risk. In the case of fire: Use respirator.

6. Accidental release measures:

Personal precautions: Ensure adequate ventilation.
 Environmental precautions: No special measures required.
 Methods for cleaning up: Clean up mechanically. Avoid dust formation.

7. Handling and Storage

Precautions for safe handling: Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Avoid dust formation.
 Conditions for safe storage: Store the product a well-ventilated environment, protect from direct exposure to sunlight, in a cool, dry place. Properly closed, protect against humidity, heat and protect from impurities and foreign bodies.

8. Exposure Controls and Personal Protection

Hand protection: No special measures required
 Respiratory protection: No special measures required
 Eye protection: No special measures required
 Physical protection: Use usual individual protective equipment
 Occupational exposure limit: No special measures required

9. Physical and Chemical Properties

Appearance: powder
 Colour: beige
 Odour: characteristic
 Solubility: partially soluble in water
 Auto-ignition temperature: not determined
 Flamability: not flammable
 Explosive properties: nothing to report
 Decomposition temperature: nothing to report

10. Stability and Reactivity

Reactivity: It presents no significant reactivity hazards, by itself or in contact with water.
 Chemical stability: The product is stable under normal conditions
 Possibility of hazardous reactions: Not known
 Conditions to avoid: Keep away from heat sources, open flames and sunlight.
 Substances to avoid: Avoid contact with strong oxidants.
 Hazardous decomposition products: Product does not decompose at proper handling.



Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

Date 10.01.2016

Version 3.0

PINEAPPLE POWDER

11. Toxicological Information

Not classified as hazardous conform EEC Dangerous Substance Directive and Dangerous Preparation Directives. If the product is used properly it will not cause any injuries to health.

| | |
|---------------------------------|---|
| Acute toxicity: | In compliance with generally accepted uses and quantities are no negative impacts to be expected. LD50 oral: not determined LD50 dermal: not determined LC50: not determined Inhalation: There is not expected negative impact. Ingestion: There is not expected negative impact. Skin contact: There is not expected negative impact. Eye contact: There is not expected negative impact. |
| Skin corrosion/irritation | In compliance with generally accepted uses and quantities are no negative impacts to be expected. |
| Serious eye damage/irritation | In compliance with generally accepted uses and quantities are no negative impacts to be expected. |
| Respiratory /skin sensitization | In compliance with generally accepted uses and quantities are no negative impacts to be expected. Deep inhalation may cause respiratory troubles such as watering, sneezing. |
| Germ cell mutagenicity | There is not expected negative impact. |
| Carcinogenicity | There is not expected negative impact. |
| Reproductive toxicity | There is not expected negative impact. |
| STOT-single exposure | No information available |
| STOT-repeated exposure | No information available |
| Aspiration hazard | No information available |

12. Ecological Information

Ecotoxicity: Nothing to report. Natural product. Environmentally not hazardous.

Mobility in soil: no information available

Degradability: Biologically well degradable

Bioaccumulation potential: nothing to report

Various harmful effects: nothing to report

13. Disposal Considerations

Recommendation: Collect and dispose of waste product in conformity with local disposal regulations. Is a natural biodegradable product.

14. Transport Information

General recommendations: Not dangerous product. Protect against humidity.
UN no: not classified
Road (ADR/RID): not classified
Air (IATA/ICAO): not classified
Sea (IMDG): not classified
Special precautions for user: See section 6-8
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC: not defined



Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

Date 10.01.2016

Version 3.0

PINEAPPLE POWDER

15. Additional Regulatory Information

EU Classification: Not subject to classification according to CLP Regulation (EC) No. 1272/2008.

Not subject to classification according to Directive 67/548/EC or Directive

Assessment of material safety: An assessment has not been executed.

16. Other Information

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.