

ORGANIC ALOE EXTRACT (*Aloe vera*) POWDER

SECTION 1: IDENTIFICATION OF THE SUBSTANCE

Product name	Organic Aloe extract (<i>Aloe vera</i>) powder
Common name	Aloe vera powder
Recommended use	Suitable as ingredient and / or raw material in food products, cosmetics and pharmaceuticals.
Name of the company	Inulina y Miel de Agave S.A de C.V.
Address	Carretera Tepatitlán- Arandas Km. 4.5, Capilla de Guadalupe, Jalisco, México.
Phone number	+52 (378) 701-0112

SECTION 2: RISK IDENTIFICATION:

Physical risk	None
Health risk	None

SECTION 3: COMPONENTS / COMPONENTS INFORMATION

Substance chemical identity	Organic Aloe vera <i>Barbadensis Miller</i> powder extract whole leaf
Common name	Aloe vera powder
CAS registry number	85507-69-3

SECTION 4: FIRST AID

Contact with eyes	Rinse immediately with clean water for 20 to 30 min. Retract the eyelid continuously. Get urgent medical attention in case of pain when the blinking, tearing or redness persists.
Inhalation	Avoid inhalation of dust particles. There is no known risk.

SECTION 5: FIRE FIGHTING MEASURES

Precautions	Do not expose the product to temperatures higher than 300°F
Fire extinguishing mean	Chemical powders, CO2 preferably.

SECTION 6: ACCIDENTAL RELEASE MEASURES

In case of spills	Do not step on the product, you may slip. Flush with water the area and dry the surface once clean.
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SECTION 7: HANDLING & STORAGE

Indications	Handle with precaution to avoid spills, store in fresh and away from sunlight places avoid overheating and Moisture exposure.
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SECTION 8: EXPOSURE MEASURES / PERSONAL PROTECTION

Respiratory protection	Not necessary under normal use & handling. Use facemask in case of air dispersion.
Eye protection	Use protective eyewear in case of spills, in case of eye contact rinse thoroughly with clean water.

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Hygiene requirements Handle the product under GMP's or established food regulations

SECTION 9: PHYSICOCHEMICAL, CHROMATOGRAPHIC & MICROBIOLOGICAL CHARACTERISTICS

Appearance	Fine powder, highly hydroscopic
Odor	Sui generis, Aloe vera characteristics
Flavor	Sui generis, slightly acid and salty
Color	Slightly beige to slightly yellow
pH	3.5 - 5.0 Min
Moisture (%)	5.0 % Max
Glucose (%)	15 % Max
Fructose (%)	10 % Max
Saccharose (%)	5 % Max
Total solids	≥ 1.0%
Solubility (g/L a 25°C)	200
Density (g/cm ³)	0.23 – 0.25
Aloina (ppm)	≤ 1.0
Total Bacterial Account	< 1000 UFC/g
Fungi	≤ 50 UFC/g
Yeasts	≤ 50 UFC/g
Total Coliforms	Absent
Salmonella sp.	Absent in 25g
Escherichia coli	Absent

SECTION 10: STABILITY & REACTIVITY

Stability	Stable
Hazard reactions	Hazardous polymerization will not occur
Hazardous breakdown by component	None
Incompatibility	Keep away from sulfuric acid, phosphoric acid and other dehydrating agents, acetic anhydride, agents with strong oxidation such as peroxide, oxygen, nitric acid, perchloric acid or chromic acid.

SECTION 11: TOXICOLOGICAL INFORMATION

Product Nontoxic

SECTION 12: ECOTOXICOLOGICAL INFORMATION

Product Nontoxic

SECTION 13: INFORMATION CONCERNING WASTE DISPOSAL

Waste disposal Check local regulations for food waste disposal.

SECTION 14: INFORMATION CONCERNING TRANSPORT

Transport	Handle with care, avoid spills ship only in dry vehicles and keep out of direct sunlight, room temperature and avoid exposure to moisture and the overheating
Transport risk	None

SECTION 15: REGULATORY INFORMATION

Specific provisions	None
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SECTION 16: OTHER INFORMATION

The information is considered correct, but it is not exhaustive and will only be used as guidance, which is based on current knowledge of the substance.