

Identification of the substance or preparation:

SIHA Gelatin fine granules, Flotation Gelatin

Revision date: 28.02.2006 / 21.09.2012 **Version:** 2 **Date of print:** 10.10.2012

Powering Business Worldwide

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifiers****SIHA Gelatin fine granules, Flotation Gelatin**

The substance does not require registration according to Regulation (EC) No 1207/2006 [REACH]: X

Use of the substance/ preparation: Product for wine- and fruitjuice treatment.**1.2. Relevant identified uses of the substance or mixture and uses advised against**

The substance does not require registration according to Regulation (EC) No 1207/2006 [REACH].

1.3. Details of the supplier of the safety data sheet**Supplier (manufacturer/importer/ downstream user/distributor):** Eaton Technologies GmbHBegerow Product Line
An den Nahewiesen 24
55450 Langenlonsheim**Telephone:** +49 6704 204-0**Telefax:** +49 6704 204-121**E-mail (competent person):** SDB@Eaton.com**Dept. responsible for information:** Produktmanagement
Only available during office hours.**Information telephone:** +49 6704 204-0**1.4. Emergency telephone number****Dept. responsible for information:** Produktmanagement
Only available during office hours.**Emergency telephone:** +49 6704 204-0**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to EC regulation 1272/2008 (CLP):**

none/none

Classification according to Directive 67/548/EEC or 1999/45/EC:

none/none

2.2. Label elements**2.3. Other hazards****Possible harmful physico-chemical effects:**

not relevant

Possible harmful effect(s) on human beings and possible symptom(s):

not relevant

Possible harmful effect(s) on the environment:

not relevant

SECTION 3: Composition / Information on ingredients**Chemical characterization (preparation):**

Protein; protein from animal connective tissue

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SECTION 4: First aid measures

4.1. Description of first aid measures**General information:**

No special measures are required.

After inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact:

Subsequently wash off with: Water.

In case of eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion:

Rinse mouth immediately and drink plenty of water.

4.2. Most important symptoms and effects, both acute and delayed**4.3. Indication of any immediate medical attention and special treatment needed****Information to physician:**

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media**Suitable extinguishing media:**

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

Carbon dioxide (CO₂). Atomized water. Foam. Extinguishing powder.**Extinguishing media which must not be used for safety reasons:**

not applicable

5.2. Special hazards arising from the substance or mixture**Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases:**Carbon monoxide. Carbon dioxide (CO₂).**5.3. Advice for firefighters****Special protective equipment for firefighters:**

No special fire protection measures are necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures**Personal precautions:**

Avoid generation of dust. Special danger of slipping by leaking/spilling product.

6.2. Environmental precautions**Environmental measures:**

No special environmental measures are necessary.

6.3. Methods and material for containment and cleaning up**Methods for cleaning up:**

Take up carefully when dry. Treat the recovered material as prescribed in the section on waste disposal. Wash with plenty of water.

6.4. Reference to other sections

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Avoid generation of dust. Do not breathe dust.

Use only in well-ventilated areas.

Precautions against fire and explosion:

Keep away from sources of ignition - No smoking.

Take precautionary measures against static discharges. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storerooms and containers:**

Keep container in a well-ventilated place.

Store in a cool dry place.

Storage class: 11**7.3. Specific end use(s)****SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.2. Exposure controls****Technical measures:**

Provide for sufficient ventilation and punctiform suction at critical points.

Respiratory protection: Respiratory protection necessary at/for: high concentrations

Suitable respiratory protection apparatus: Filtering device (DIN EN 147). P 1

Hand protection: Hand protection: not required.**Eye protection:** No special measures are required.**Body protection:** No special measures are required.**General protection and hygiene measures:**

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Protect skin by using skin protective cream.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Physical state:** Powder Granulate**Colour:** light yellow yellow**Odour:** characteristic**Important health, safety and environmental information:**

| | | | Unit | Method |
|--------------------------------|-----|-------|-------|----------|
| pH: | 4 | - 8 | | at °C 25 |
| Melting point / melting range: | 260 | - 280 | °C | |
| Flash point (°C): | 500 | | °C | |
| Viscosity: | 1 | - 12 | mPa s | at °C 60 |

9.2. Other information**Additional information:**

hardly soluble in cold water, soluble in warm water (> 40 °C).

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

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Substance is, under normal conditions, chemically stable.

10.3. Possibility of hazardous reactions

No risks worthy of mention.

10.4. Conditions to avoid

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

10.5. Incompatible materials**10.6. Hazardous decomposition products**In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x).**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity:**

| CAS No. | Chemical name | LD50: oral | Unit | Species | LD50: dermal | Unit | Species | LC50: inhalat iv | Unit | Species |
|-----------|---------------|---------------|-------|---------|-----------------|------|---------|------------------------|------|---------|
| 9000-70-8 | Gelatins | > 5000 | mg/kg | Rat. | | | | | | |

Irritant and corrosive effects:

Irritant effect on the skin: Not an irritant.

Irritant effect on the eye: Not an irritant.

Sensitisation:

not determined

Repeated dose toxicity:

not determined

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

not determined

Observations relevant to classification

No data available

SECTION 12: Ecological information**12.1. Toxicity****Aquatic toxicity:**

According to the present state of knowledge negative ecological effects are not expected.

12.2. Persistence and degradability**12.3. Bioaccumulative potential**

Product is biodegradable.

12.4. Mobility in soil**12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects****Biochemical oxygen demand (BOD):** 800 mg/g **Remark:** 1% Lösung (solution)**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Recommendation:**

May be disposed of in household waste landfill. Dispose according to legislation.

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Non-contaminated packages may be recycled.

SECTION 14: Transport information

14.1. Land transport (ADR/RID)**14.2. Inland waterway craft (ADN/ADNR)****14.3. Sea transport (IMDG)****14.4. Air transport (ICAO-TI / IATA-DGR)****14.5. Additional information:**

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**Water Hazard Class:** 1 **Source:** -

SECTION 16: Other information

Further remarks:

The above information describes exclusively the safety requirements of the product and is based on our present -day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Further remarks:

SDB@Eaton.com