

**Identification of the substance or preparation:**

SIHA Gum arabic granulated

Revision date: 25.07.2006 / 16.10.2012    Version: 2    Date of print: 16.10.2012



## 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 Gum arabic granulated**

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

Use of the substance/ preparation:      Product for Winetreatment.

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet**Supplier (manufacturer/importer/      Eaton Technologies GmbH  
downstream user/distributor):Begerow 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):

Causes serious eye irritation.

Labelling (CLP): none/none

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

Irritant

EC-label.: none/none

**Further remarks:**

The product should be handled with the care usual when dealing with chemicals.

**2.2. Label elements**

Labelling (67/548/EEC or 1999/45/EC):

**R phrases:**

R phrases	
R36/37/38	Irritating to eyes, respiratory system and skin.

**S-phrases:**

S-phrases	
S24/25	Avoid contact with skin and eyes.

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Hazard statements:	
H319	Causes serious eye irritation.

**Safety precautions:**

Safety precautions:	
P264.1	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

**2.3. Other hazards****SECTION 3: Composition / Information on ingredients****Chemical characterization (preparation):**

Acacia Gum (CAS Nr.: 9000-01-5; EINECS Nr.: 232-519-5).

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information:**

Self-protection of the first aider

**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 skin irritation, consult a physician.

Change contaminated, saturated clothing.

**In case of eye contact:**

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

**After ingestion:**

Do not induce vomiting. Rinse mouth immediately and drink plenty of water. In all cases of doubt, or when symptoms persist, seek medical advice.

**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:**Carbon dioxide (CO<sub>2</sub>). Atomized water. Extinguishing powder.

Co-ordinate fire-fighting measures to the fire surroundings.

**Extinguishing media which must not be used for safety reasons:**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

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**Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases:**

Explosive dust-air mixtures may form.

In case of fire may be liberated: Gases/vapours, toxic. Carbon monoxide.

**5.3. Advice for firefighters****Special protective equipment for firefighters:**

In case of fire: Wear self-contained breathing apparatus.

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**SECTION 6: Accidental release measures**

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

Provide adequate ventilation.

Avoid generation of dust.

Do not breathe dust. Avoid contact with skin, eyes and clothes.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

**6.2. Environmental precautions****Environmental measures:**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

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

Take up mechanically, placing in appropriate containers for disposal. Wash with plenty of water. Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

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**SECTION 7: Handling and storage**

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**7.1. Precautions for safe handling****Advices on safe handling:**

Avoid generation of dust.

Do not breathe dust. Avoid contact with skin, eyes and clothes.

**Precautions against fire and explosion:**

Explosive dust-air mixtures may form.

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

Keep container tightly closed in a cool, well-ventilated place.

**Hints on joint storage:**

Keep away from food, drink and animal feeding stuffs.

**Storage class:** 10-13**7.3. Specific end use(s)**

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**SECTION 8: Exposure controls/personal protection**

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**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: insufficient ventilation. dust formation

Suitable respiratory protection apparatus: Filtering device (DIN EN 147). P 2

**Hand protection:** The selection of suitable gloves not only depends on the material, but also on other quality characteristics. These may vary from manufacturer to manufacturer. Since the product is a preparation from several substances, the resistance of glove materials cannot be determined in advance and must therefore be checked prior to the application.**Suitable material:**

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The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Eye protection:** Goggles.**General protection and hygiene measures:**

Avoid contact with skin, eyes and clothes.

Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and after work.

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

		Unit	Method
pH:	4,1 - 5		at °C 25
Flash point (°C):	- 220	°C	
Explosivity:	<i>Dust explosive, Dust explosion category: ST 1</i>		
Density:	ca. - 1,4	g/cm <sup>3</sup>	
Bulk density:	ca. - 400	kg/m <sup>3</sup>	
Water solubility (g/l):	- 500	g/l	at °C 20

**9.2. Other information****SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

**10.2. Chemical stability**

Substance is, under normal conditions, chemically stable.

**10.3. Possibility of hazardous reactions**

No information available.

**10.4. Conditions to avoid**

Keep away from heat.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

In case of fire may be liberated: Carbon dioxide. Carbon monoxide.

**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
9000-01-5	Gum arabic	> 16000	mg/kg	Rat.						

**Specific symptoms in animal studies:**

Rabbit.

Irritant effect on the eye: strongly irritant.

**Irritant and corrosive effects:**

Irritant effect on the skin: mild irritant.

Irritant effect on the eye: strongly irritant.

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not sensitising.

**Repeated dose toxicity:**

No information available.

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

Longterm experiments do not indicate carcinogenic effects.

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**SECTION 12: Ecological information**

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**12.1. Toxicity****Aquatic toxicity:**

Ecological data are not available.

**Further details:**

Do not allow to enter into surface water or drains.

**12.2. Persistence and degradability****Method:**

No information available.

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

This substance does not meet the criteria for classification as PBT or vPvB.

**12.6. Other adverse effects**

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**SECTION 13: Disposal considerations**

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**13.1. Waste treatment methods****Recommendation:**

The disposal of the product has to be carried out in accordance with the legal requirements. EWC waste codes are strictly industry-oriented, therefore waste classification has to be done by the waste producer.

**Contaminated packaging:****Recommendation:**

Non-contaminated packages may be recycled.

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**SECTION 14: Transport information**

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**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.

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**SECTION 15: Regulatory information**

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**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class:** n    **Source:** Anh. 3

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**Other regulations (EU):**

For this substance a chemical safety assessment has not been carried out.

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**SECTION 16: Other information**

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**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.

**E-mail (competent person):**

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