

Identification of the substance or preparation:

SIHA Gum arabic liquid

Revision date: 31.08.2006 / 22.10.2012 Version: 2 Date of print: 22.10.2012



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 liquid**

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/
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 numberDept. 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

Further remarks:

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

2.2. Label elements**2.3. Other hazards**

SECTION 3: Composition / Information on ingredients

Chemical characterization (preparation):

Aqueous solution from Gum arabic (CAS Nr.: 9000-01-5; EINECS Nr.: 232-519-5).

Hazardous ingredients:

CAS No.	EC No	Chemical name:/ REACH registration No.	of (%)	up to (%)	Unit/ Content	Hazard symbol(s)	R phrases	INDEX no.
7446-09-5	231-195-2	sulphur dioxide	0.1	0.5	%	T	23-34	016-011-00-9

Full text of R-phrases: see section 16.

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Labelling (CLP):

CAS No.	EC No	Chemical name:/ REACH registration No.	Hazard pictograms	Signal word	Hazard statements
7446-09-5	231-195-2	sulphur dioxide	GHS04, GHS06, GHS05	Danger	331-314

Full text of H-phrases: see section 16.

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

Take off immediately all contaminated 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:

Rinse mouth immediately and drink plenty of water. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

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 (CO₂). Water mist Foam. Extinguishing powder.**Extinguishing media which must not be used for safety reasons:**

High power water jet.

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:**In case of fire may be liberated: Nitrogen oxides (NO_x). Carbon monoxide. Pyrolysis products, toxic.**5.3. Advice for firefighters****Special protective equipment for firefighters:**

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

Additional information:

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Treat the recovered material as prescribed in the section on waste disposal.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions:**

No special measures are necessary.

Special danger of slipping by leaking/spilling product.

6.2. Environmental precautions**Environmental measures:**

Do not allow to enter into surface water or drains.

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Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advices on safe handling:**

No special handling advices are necessary.

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

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

Keep container dry.

Do not allow to enter into soil/subsoil.

Hints on joint storage:

No special handling advices are necessary.

Storage class: 10-13

7.3. Specific end use(s)**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

Components with occupational exposure limits resp. biological occupational exposure limits requiring monitoring:

Occupational exposure limit values:

CAS No.	Chemical name	AGW (DE)	Unit	ppm	Peak limitation	Remark
7446-09-5	sulphur dioxide	2.5	mg/m ³	1	1(l)	AGS, Y

8.2. Exposure controls**Technical measures:**

Provide adequate ventilation.

Respiratory protection: No special measures are required.

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: Butyl caoutchouc (butyl rubber).

Penetration time (maximum wearing period): > 120 min.

Eye protection: Goggles.

General protection and hygiene measures:

Avoid contact with skin, eyes and clothes.

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: liquid

Colour: light yellow yellow

Odour: characteristic

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Important health, safety and environmental information:

	Unit		Method
pH:	3,5 - 4	at °C	20

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

not known.

10.2. Chemical stability

Substance is, under normal conditions, chemically stable.

10.3. Possibility of hazardous reactions

not known.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition productsIn case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO₂).**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
7446-09-5	sulphur dioxide							2520	ppm	Rat.
9000-01-5	Gum arabic	> 16000	mg/kg	Human experience:						

CAS No.	Chemical name	Method: oral	Method: dermal	Method: inhalativ	h	Remark
7446-09-5	sulphur dioxide				1	

Specific symptoms in animal studies:

not determined

Irritant and corrosive effects:

No information available.

Sensitisation:

No information available.

Repeated dose toxicity:

No information available.

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

No information available.

Additional information:

In case of eye contact: mild irritant.

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

not determined

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not determined

12.2. Persistence and degradability**Method:**

not determined

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects**General information:**

Ecological data are not available.

SECTION 13: Disposal considerations

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.

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:** n **Source:** -**Technische Anleitung Luft (TA-Luft):****Ziffer:**

5.2.5

Other regulations (EU):

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

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

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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):

SDB@Eaton.com

Relevant R-and H-phrases (Number and full text):

R phrases	
R23	Toxic by inhalation.
R34	Causes burns.

Hazard statements	
H314	Causes severe skin burns and eye damage.
H331	Toxic if inhaled.