

Identification of the substance or preparation:

SIHA Tannin liquid

Revision date: 23.10.2008 / 25.09.2012 Version: 2 Date of print: 25.09.2012



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 Tannin 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/ Eaton Technologies GmbH

downstream user/distributor):

Begerow Product Line
An den Nahewiesen 24
55450 Langenlonsheim
+49 6704 204-0

Telephone:

Telefax:

E-mail (competent person):

Dept. responsible for information:

SDB@Eaton.com

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

Solution in water of pyrogallol vegetable tannins.

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 and soap. In case of skin irritation, consult a physician.

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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. Do not induce vomiting.

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:**

Water. Carbon dioxide (CO₂).

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:**

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

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

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

SECTION 6: Accidental release measures

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

No special measures are required.

6.2. Environmental precautions**Environmental measures:**

No special measures are required.

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

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:**

Wear personal protection equipment. Avoid contact with skin and eyes.

Precautions against fire and explosion:

No special fire protection measures are necessary.

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

Keep only in the original container in a cool, well-ventilated place.

Unsuitable material for Container: Metal.

Hints on joint storage:

Avoid any contact with oxidisers like permanganates and chlorates.

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No special technical protective measures are necessary.

Respiratory protection: With correct and proper use, and under normal conditions, breathing protection is not required.**Hand protection:** The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.**Suitable material:** 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.**Penetration time (maximum wearing period):** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.**Eye protection:** Eye glasses.**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Physical state:** liquid**Colour:** brown**Odour:** characteristic**Important health, safety and environmental information:**

		Unit		Method
pH:	2,40		at °C 20	5%
Density:	- 1,20	g/cm ³		

9.2. Other information**Additional information:**

Develops into a dark precipitate when mixed with iron or ferric salts.

SECTION 10: Stability and reactivity**10.1. Reactivity****10.2. Chemical stability****10.3. Possibility of hazardous reactions****10.4. Conditions to avoid****10.5. Incompatible materials**Avoid any contact with oxidisers like permanganates and chlorates.
Acid.**10.6. Hazardous decomposition products**Decomposes under heat releasing pyrogalllic acid and CO₂. Release of SO₂ in the environment**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity:**

Toxicological data are not available.

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CAS No.	Chemical name	LD50: oral	Unit	Species	LD50: dermal	Unit	Species	LC50: inhalat iv	Unit	Species
1401-55-4	Tannins	2260	mg/kg	Rat.						

Irritant and corrosive effects:

Tannin has a astringency effect. Ingestion leads to astringency phenomenon. High ingestion can lead to stomach pains, vomiting, diarrhoea or constipation. Slight Eye irritant.

SECTION 12: Ecological information**12.1. Toxicity****12.2. Persistence and degradability****Method:**

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

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****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: 1

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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.

E-mail (competent person):

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