

Trade name: Hydrargiri sulfidum rubrum

Date revised: 22.07.11

Substance number: 064248

Version: 1 / CH

Date of printing: 22.07.11

01. Identification of the substance/preparation and of the company/undertaking

Trade name

Hydrargiri sulfidum rubrum

Item-No. 06424801

Company/undertaking identification

Address

Hänseler AG

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9101 Herisau

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Emergency Switzerland :145 / Abroad +41 (0)44 251 51 51

telephone

E-mail address sdb@haenseler.ch

02. Hazards identification

Specific hazards to man and the environment

The product does not require a hazard warning label in accordance with Directive 67/548/EC

03. Composition / information on ingredients

Hazardous ingredients

Further hazardous ingredients

mercury(II) sulfide

CAS no. 1344-48-5

EINECS no. 215-696-3

04. First aid measures

After inhalation

Ensure supply of fresh air. In case of respiratory arrest induce breathing with a respiratory device. Seek medical advice.

After skin contact

Wash off immediately with soap and water and rinse well.

After eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).

05. Fire-fighting measures

Suitable extinguishing media

Water mist, Alcohol-resistant foam, Dry chemical extinguisher, Carbon dioxide

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

Sulfuroxides (SO_x)

Special protective equipment for fire-fighting

Use self-contained breathing apparatus.



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06. Accidental release measures

Personal precautions

Do not inhale dust. Do not inhale dust.

Environmental precautions

Do not empty into drains, caverns and basements.

Methods for cleaning up

Take up mechanically and collect in suitable container for disposal.

07. Handling and storage

Handling

Advice on safe handling

Provide exhaust ventilation if dust is formed.

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking. Take precautionary measures against static charges.

Storage

Further information on storage conditions

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

08. Expose controls/personal protection

General protective and hygiene measures

General industrial hygiene practice.

Occupational exposure controls

Respiratory protection

Breathing apparatus in the event of aerosol. Typ N95

Hand protection

Appropriate Material

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Appropriate Material

nitrile

Eye protection

Safety glasses with side protection shield

Skin protection

Clothing as usual in the chemical industry.

09. Physical and chemical properties

General information

Form	solid
Colour	red
Odour	odourless

Important health, safety and environmental information

Flash point

Remarks not applicable

Boiling point

Value 584 °C



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Pressure 1.013 hPa

Melting point

Value 583.5 °C

Source Literature value

Vapour pressure

Remarks no data available

10. Stability and reactivity**Conditions to avoid**

Protect from light.

Materials to avoid

Acids, Oxidising agents, Halogens, Metals

11. Toxicological information**Effects after repeated or prolonged exposition (subacute, subchronic, cronic)****Experience in practice**

May be harmful by inhalation, ingestion, skin adsorption. Inhalation may lead to irritation of the respiratory tract. Irritates the mucous membrane.

Other information

Warning - substance not yet fully tested.

12. Ecological information**General information / ecology**

Ecological data are not available. Do not allow it to reach ground water, water bodies or sewage system.

13. Disposal considerations**Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

14. Transport information**Land transport ADR/RID**

Non-dangerous goods

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

15. Regulatory information**Labelling in accordance with EC directives**

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

16. Other information

This information is based on our present state of knowledge. However, it should not constitute a

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guarantee for any specific product properties and shall not establish a legally valid relationship.