



Trade name: Phenylhydrargyri acetas

Substance number: 067177

Version: 1 / CH

Date revised: 25.05.12

Replaces Version: - / CH

Date of printing: 25.05.12

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Phenylhydrargyri acetas

Item-No. 06717700

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation

Chemical for synthesis

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible
for this SDS

1.4. Emergency telephone number

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

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 3	H301
Aquatic Chronic 1	H410
Aquatic Acute 1	H400
STOT RE 1	H372
Skin Corr. 1B	H314

Classification in accordance with EC directives

Classification	T, R25-R48/24/25
	C, R34
	N, R50/53

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal Word

Danger

Hazard statements

H314	Causes severe skin burns and eye damage.
H372	Causes damage to organs through prolonged or repeated exposure:
H410	Very toxic to aquatic life with long lasting effects.



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H301 Toxic if swallowed.

Precautionary statements

P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P309+P311 IF exposed or if you feel unwell: CALL a POISON CENTER or doctor/physician.

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols

Toxic



Dangerous for the environment

R phrases

25 Toxic if swallowed.
 34 Causes burns.
 48/24/25 Toxic: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed.
 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 28 After contact with skin, wash immediately with plenty of . . . (to be specified by the manufacturer).
 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 57 Use appropriate container to avoid environmental contamination.
 60 This material and its container must be disposed of as hazardous waste.
 61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Hazardous component(s) to be indicated on label

contains Phenylmercury acetate

3. Composition/information on ingredients**Molecular weight**

Value 336.74 g/mol

Hazardous ingredients**Phenylmercury acetate**

CAS No. 62-38-4
 EINECS no. 200-532-5
 Concentration >= 50 %
 Classification T, R25-R48/24/25
 N, R50/53
 C, R34



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Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 3	H301
Aquatic Chronic 1	H410
Aquatic Acute 1	H400
STOT RE 1	H372
Skin Corr. 1B	H314

4. First aid measures

4.1. Description of first aid measures

After inhalation

Ensure supply of fresh air. Summon a doctor immediately.

After skin contact

In case of contact with skin wash off immediately with plenty of water. Remove contaminated, soaked clothing immediately and dispose of safely. Summon a doctor immediately.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Summon a doctor immediately.

After ingestion

Drink water in small gulps. Summon a doctor immediately. Induce the patient to vomit of his own accord only if fully conscious. Summon a doctor immediately. No trials on neutralisation.

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

Coughing, Shortness of breath, if swallowed: Irritation of mucosa, Gastrointestinal complaints, Nausea, Vomiting, Abdominal pains, Diarrhoea, Chemical burn, Cardiovascular disturbance, CNS Disturbance

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water, Carbon dioxide, Foam, Dry powder

5.2. Special hazards arising from the substance or mixture

The product is combustible. If a fire breaks out nearby evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus. Use personal protective clothing.

Other information

Do not discharge into surface waters/groundwater.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Avoid breathing dust. Ensure adequate ventilation.

6.2. Environmental precautions

Do not allow to enter drains.

6.3. Methods and material for containment and cleaning up

To pick up dry. Send in suitable containers for recovery or disposal. Clean up affected area. Avoid



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raising dust.

6.4. Reference to other sections

Information regarding Waste Disposal, see chapter 13.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe safety references and application instructions mentioned on can. Work only in fume cupboards.
Do not inhale substance.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value	15	-	25	°C
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Requirements for storage rooms and vessels

Keep container tightly closed and dry.

VCI storage category

VCI storage category	6.1A	Combustible toxic substances
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Further information on storage conditions

Keep under lock and key or accessible only to specialists or people who are authorized. Protect from light. Keep container in a well-ventilated place.

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Phenylmercury acetate

List	SUVA
Type	MAK
Value	0,01 mg/m ³

Skin resorption / sensibilisation: H; Status: 2005; Remarks: B

8.2. Exposure controls

General protective and hygiene measures

Wash contaminated clothing before reuse. Preventative skin protection. Wash hands and face after work. Work only in fume cupboards. Do not inhale dust.

Respiratory protection

Breathing apparatus in the event of aerosol. Short term: filter apparatus, special gas filter, Hg-P3

Hand protection

Gloves	
Appropriate Material	nitrile rubber - NBR
Material thickness	0.11 mm
Penetrating time	> 480 min

Eye protection

Tightly fitting safety glasses

Body protection

protective overalls

9. Physical and chemical properties



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9.1. Information on basic physical and chemical properties

Form	Powder		
Colour	beige		
Odour	odourless		
pH			
Remarks	No data available		
Melting point			
Value	146	to	150 °C
Flash point			
Remarks	No data available		
Vapour pressure			
Value	1.2		kPa
Temperature	35	°C	
Solubility in water			
Value	2		g/l
Temperature	20	°C	
Octanol/water partition coefficient (log Pow)			
pOW	0.71		

10. Stability and reactivity

10.2. Chemical stability

Protect from light.

10.5. Incompatible materials

Reacts violently with: Strong oxidising agents, strong acids, strong reducing agents, Aluminium,
Incompatible with: Aluminium

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Species	rat		
LD50	41		mg/kg
Source	RTECS		

Skin corrosion/irritation

Species	Human
valuation	strongly corrosive
Source	RTECS

Serious eye damage/irritation

Species	rabbit
valuation	strongly corrosive
Remarks	Influence of the product with the eyes can lead to blindness.

Subacute, subchronic, chronic toxicity

Species	Escherichia coli
method	Ames test
Remarks	positive

Mutagenicity

Remarks	positive
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Source RTECS

Reproduction toxicity

Remarks Indications of toxic effects are available from reproduction studies in animals.

Specific Target Organ Toxicity (STOT)**Repeated exposure**

valuation Causes damage to organs.

Experience in practice

After Swallowing: burns in mouth, throat, oesophagus and gastrointestinal tract. Risk of perforation in the oesophagus and stomach. inhalation. Irritates the mucous membrane.

12. Ecological information**12.1. Toxicity****Fish toxicity**

Species	goldfish (Carassius auratus)	
LC50	0.068	mg/l
Duration of exposure	48 h	

Daphnia toxicity

Species	Daphnia magna	
EC50	0.38	mg/l
Duration of exposure	3 h	

12.3. Bioaccumulative potential**Octanol/water partition coefficient (log Pow)**

pOW 0.71

12.6. Other adverse effects**General information / ecology**

Do not allow it to reach ground water, water bodies or sewage system.

13. Disposal considerations**13.1. Waste treatment methods****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****14.1. UN number**

UN 1674

14.2. UN proper shipping name

PHENYLMERCURIC ACETATE

14.3. Transport hazard class(es)

Class 6.1

Label 6.1

14.4. Packing group

Packing group II

14.5. Environmental hazards



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ENVIRONMENTALLY HAZARDOUS

Marine transport IMDG/GGVSee**14.1. UN number**

UN 1674

14.2. UN proper shipping name

PHENYLMERCURIC ACETATE

14.3. Transport hazard class(es)

Class 6.1

14.4. Packing group

Packing group II

14.5. Environmental hazards

Marine Pollutant

Environmental labelling ENVIRONMENTALLY HAZARDOUS

Air transport ICAO/IATA**14.1. UN number**

UN 1674

14.2. UN proper shipping name

PHENYLMERCURIC ACETATE

14.3. Transport hazard class(es)

Class 6.1

14.4. Packing group

Packing group II

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS

15. Regulatory information**15.2. Chemical safety assessment**

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

16. Other information**R-phrases listed in chapter 3**

25	Toxic if swallowed.
34	Causes burns.
48/24/25	Toxic: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard statements listed in chapter 3

H301	Toxic if swallowed.
H314	Causes severe skin burns and eye damage.
H372	Causes damage to organs through prolonged or repeated exposure:
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.