



Trade name: Hexachlorophenum

Date revised: 29.07.10

Substance number: 064033

Version: 1 / CH

Date of printing: 29.07.10

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

Trade name

Hexachlorophenum

Item-No. 06403300

Company/undertaking identification

Address

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no. 0041 (0)71 353 58 58

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

telephone

E-mail address sdb@haenseler.ch

02. Hazards identification

Classification

Classification T, R24/25
N, R50/53

Hazard symbols

T Toxic
N Dangerous for the environment

R phrases

24/25 Toxic in contact with skin and if swallowed.
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification

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

Acute Tox. 3	H331	Toxic if inhaled.
Acute Tox. 3	H301	Toxic if swallowed.
Aquatic Acute 1	H400	Very toxic to aquatic life.
Aquatic Chronic 1	H410	Very toxic to aquatic life with long lasting effects.

03. Composition / information on ingredients

Hazardous ingredients

2,2'-Methylenebis-(3,4,6-trichlorophenol)

CAS no. 70-30-4

EINECS no. 200-733-8

Concentration >= 98 %

Classification T, R24/25

N, R50/53

04. First aid measures

General information

Seek medical advice immediately. In any case show the physician the Safety Data Sheet.

After inhalation

Ensure supply of fresh air. Irregular breathing/no breathing: artificial respiration. Summon a doctor

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immediately.

After skin contact

Wash off immediately with soap and water and rinse well. Summon a doctor immediately.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

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

05. Fire-fighting measures**Suitable extinguishing media**

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

Special protective equipment for fire-fighting

Use self-contained breathing apparatus.

06. Accidental release measures**Personal precautions**

Use personal protective clothing. Avoid dust formation. Do not inhale dust. Ensure adequate ventilation. Remove persons to safety.

Environmental precautions

Do not allow to enter drains.

Methods for cleaning up

Pick up mechanically. When picked up, treat material as prescribed under heading "Disposal". Avoid raising dust.

07. Handling and storage**Handling****Advice on safe handling**

Avoid contact with skin and eyes. Avoid formation of aerosols. Avoid dust formation. Provide suitable exhaust ventilation at processing machines.

Storage**Requirements for storage rooms and vessels**

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

08. Expose controls/personal protection**General protective and hygiene measures**

Avoid contact with eyes and skin. Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands before breaks and after work.

Occupational exposure controls**Respiratory protection**

At intensive and longer exposition use self-contained breathing apparatus. Dust mask; Typ N95; Particle filter half mask, filter P1

Hand protection

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.

Eye protection

Face shield; Safety glasses



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Skin protection

Protective clothing

09. Physical and chemical properties**General information**

Form	crystalline
Colour	light brown

Important health, safety and environmental information**Flash point**

Remarks	no data available
Source	Safety Data Sheet Supplier

Boiling point

Remarks	no data available
Source	Safety Data Sheet Supplier

Melting point

Value	163	to	165	°C
Source	Literature value			

Ignition temperature

Remarks	no data available
Source	Safety Data Sheet Supplier

Explosion limits

Remarks	no data available
Source	Safety Data Sheet Supplier

Solubility in water

Remarks	no data available
Source	Safety Data Sheet Supplier

pH

Remarks	no data available
Source	Safety Data Sheet Supplier

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

Strong oxidising agents

Hazardous decomposition products

Carbon monoxide and carbon dioxide, Hydrogen chloride (HCl)

Thermal decomposition

Remarks	Stable at ambient temperature.
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11. Toxicological information**Acute toxicity / further data****Acute oral toxicity**

Reference substance	2,2'-Methylenebis-(3,4,6-trichlorophenol)
Species	rat
LD50	56 mg/kg
Source	Safety Data Sheet Supplier

Acute dermal toxicity

Reference substance	2,2'-Methylenebis-(3,4,6-trichlorophenol)
Species	rat



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LD50	1840	mg/kg
Source	Safety Data Sheet Supplier	

Acute inhalational toxicity

Reference substance	2,2'-Methylenebis-(3,4,6-trichlorophenol)	
Species	rat	
LC50	340	mg/m ³
Source	Safety Data Sheet Supplier	

Irritant/corrosive effects**Irritant effect on skin**

Reference substance	2,2'-Methylenebis-(3,4,6-trichlorophenol)	
Species	rabbit	
Duration of exposure	24	h
valuation	slightly irritant	
Source	Safety Data Sheet Supplier	

Sensitization

Reference substance	2,2'-Methylenebis-(3,4,6-trichlorophenol)	
Remarks	No data available.	
Source	Safety Data Sheet Supplier	

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

May be harmful by inhalation. Inhalation of dusts may irritate the respiratory tract. Target organs: nerves

12. Ecological information**Fish toxicity**

Reference substance	2,2'-Methylenebis-(3,4,6-trichlorophenol)	
Species	Fathead minnow (Pimephales promelas)	
LC50	0.019	mg/l
Duration of exposure	96	h
Source	Safety Data Sheet Supplier	

Daphnia toxicity

Reference substance	2,2'-Methylenebis-(3,4,6-trichlorophenol)	
Species	Daphnia magna	
EC50	0.2	mg/l
Duration of exposure	24	h
Source	Safety Data Sheet Supplier	

General information / ecology

Very toxic for aquatic organismes.

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**

UN number	2875
Class	6.1
Packing group	III
Label	6.1

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Technical name HEXACHLOROPHENE
 Danger releasing substance 2,2'-Methylenebis-(3,4,6-trichlorophenol)

Marine transport IMDG/GGVSee

UN number 2875
 Class 6.1
 Packing group III
 Technical name HEXACHLOROPHENE
 Danger releasing substance 2,2'-Methylenebis-(3,4,6-trichlorophenol)

Air transport ICAO/IATA

UN number 2875
 Class 6.1
 Packing group III
 Technical name HEXACHLOROPHENE
 Danger releasing substance 2,2'-Methylenebis-(3,4,6-trichlorophenol)

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

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

Hazard symbols

T Toxic
 N Dangerous for the environment

Hazardous component(s) to be indicated on label

contains 2,2'-Methylenebis-(3,4,6-trichlorophenol)

R phrases

24/25 Toxic 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

1/2 Keep locked up and out of the reach of children.
 20 When using do not eat or drink.
 37 Wear suitable gloves.
 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 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.

Labelling according to regulation (EC) No 1272/2008**Pictograms**

GHS06 Skull and crossbones
 GHS09 Environment

Signal Word

Dgr Danger

Hazard statements

H311 Toxic in contact with skin.
 H301 Toxic if swallowed.
 H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P270 Do no eat, drink or smoke when using this product.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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P405

Store locked up.

P501.1

Dispose of contents/container to be taken to an authorised special waste incineration plant.

16. Other information

R-phrases of the ingredients listed in chapter 3

24/25

Toxic in contact with skin and if swallowed.

50/53

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.