

Trade name: Dapsonum

Substance number: 063205

Version: 5 / CH

Date revised: 22.06.2020

Replaces Version: 4 / CH

Print date: 22.06.20

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Dapsonum

Item No. 06320500

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

Use of the substance/preparation

Active pharmaceutical substance

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 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

SECTION 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. 4 H302

STOT SE 2 H371

STOT RE 2 H373

Aquatic Chronic 2 H411

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms ***



Signal word

Warning

Hazard statements ***

H302

Harmful if swallowed.

H371

May cause damage to organs.

H373

May cause damage to organs through prolonged or repeated exposure.

H411

Toxic to aquatic life with long lasting effects.

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Precautionary statements ***

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264.1	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P308+P311	IF exposed or concerned: Call a POISON CENTER or doctor.
P330	Rinse mouth.
P501.3	Disposal in compliance with local and national regulations.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains *** Dapsone

SECTION 3: Composition/information on ingredients *****Hazardous ingredients *******Dapsone**

CAS No.	80-08-0		
EINECS no.	201-248-4		
Registration no.	01-2119949572-30-0001		
Concentration	>= 50		%
Classification (Regulation (EC) No. 1272/2008)			
	Acute Tox. 4	H302	
	STOT SE 2	H371	Blood-forming system
	STOT RE 2	H373	Blood
	Aquatic Chronic 2	H411	

Concentration limits (Regulation (EC) No. 1272/2008)

Aquatic Chronic M = 1
2**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Adhere to personal protective measures when giving first aid. Remove contaminated, soaked clothing immediately and dispose of safely.

After inhalation

Ensure supply of fresh air. Summon a doctor immediately. If the patient is likely to become unconscious, place and transport in stable sideways position. Irregular breathing/no breathing: artificial respiration.

After skin contact

Wash off immediately with soap and water and rinse well. Consult a doctor if skin irritation persists.

After eye contact

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

After ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. Summon a doctor immediately.

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

Coughing, Shortness of breath

4.3. Indication of any immediate medical attention and special treatment needed**Hints for the physician / treatment**

Symptomatic treatment, no specific antidote known. Keep under medical supervision for at least 48 hours.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Nitrogen oxides (NO_x); Sulfoxides (SO_x); Carbon monoxide (CO); Carbon dioxide (CO₂)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus. Wear full protective suit.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away sources of ignition. Avoid dust formation. Use personal protective clothing. Use breathing apparatus if exposed to vapours/dust/aerosol.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Send in suitable containers for recovery or disposal. When picked up, treat material as prescribed under Section 13 "Disposal".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Handle and open container with care. Avoid dust formation.

Advice on protection against fire and explosion

Dust can form an explosive mixture with air. Keep away from sources of ignition - No smoking. Take action to prevent static discharges.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value 25 35 °C

Requirements for storage rooms and vessels

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

Hints on storage assembly

Not required.

Storage classes

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Storage class according to TRGS 510 13
Storage category (Switzerland) 6.1

Non- combustible solids
Toxic substances

Further information on storage conditions

Protect from light. Store in a dry place

SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****General protective and hygiene measures**

Observe the usual precautions for handling chemicals. At work do not eat, drink, smoke or take drugs. Do not inhale dust/fumes/aerosols. Avoid contact with skin and eyes. Keep away from food-stuffs, beverages and feed-stocks.

Respiratory protection

Short term: filter apparatus, Filter P3; At intensive and longer exposition use self-contained breathing apparatus.

Hand protection

Protective gloves
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.

Not suitable: leather gloves

Not suitable: gloves made of thick material

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties *****9.1. Information on basic physical and chemical properties**

Form	Powder		
Colour	white to cream colour		
Odour	weak		
pH value			
Value	6.0	to	6.9
Concentration/H ₂ O	50	g/l	
Temperature	25	°C	
Melting point			
Value	175	to	181 °C
Initial boiling point and boiling range			
Remarks	not determined		
Flash point			
Value	> 200		°C
Flammability (solid, gas)			
Not ignitable			
Vapour pressure			
Value	0.0042		Pa
Density			
Value	1.3		g/cm ³

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Solubility in water

Value	380		mg/l
Temperature	37	°C	

Decomposition temperature

Value	>	400	°C
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9.2. Other information**Solvent content**

Value	0.00	%
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Other information

The product is not dangerous for explosions.

SECTION 10: Stability and reactivity**10.1. Reactivity**

None known

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Keep away from sources of heat and ignition.

10.5. Incompatible materials

Reactions with strong acids and alkalis. amines, Bases

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide, sulphurous oxides (SO_x), nitrous oxides (NO_x)

Other information

The product is not a dust explosion risk as supplied; however the build-up of fine dust can lead to a risk of dust explosions.

SECTION 11: Toxicological information *****11.1. Information on toxicological effects****Acute oral toxicity**

ATE	600	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

Acute oral toxicity (Components)**Dapsone**

Species	rabbit	
LD50	>	600 mg/kg

Acute dermal toxicity (Components)**Dapsone**

Species	rabbit	
LD50	>	2000 mg/kg

Skin corrosion/irritation (Components)**Dapsone**

evaluation	non-irritant
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Serious eye damage/irritation (Components)**Dapsone**

evaluation non-irritant

Sensitization (Components)**Dapsone**

evaluation non-sensitizing

SECTION 12: Ecological information *****12.1. Toxicity****Daphnia toxicity (Components)****Dapsone**

Species	Daphnia	
EC10	0.22	mg/l

Algae toxicity (Components)**Dapsone**

EC50	2.7	mg/l
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12.2. Persistence and degradability**Biodegradability (Components)****Dapsone**

evaluation Readily biodegradable

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

log Pow 0.97

12.4. Mobility in soil**General information**

No data available

12.5. Results of PBT and vPvB assessment**Evaluation of persistence and bioaccumulation potential (Components)****Dapsone**

The Substance doesn't meets PBT/vPvB-criteria

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

Do not allow it to reach ground water, water bodies or sewage system. Hazard for drinking water supplies. Product is highly hazardous to water.

SECTION 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.

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SECTION 14: Transport information ***

	Land transport ADR/RID ***	Marine transport IMDG/GGVSee ***	Air transport ICAO/IATA ***
Tunnel restriction code	-		
14.1. UN number	3077	3077	3077
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Dapsone)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Dapsone)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Dapsone)
14.3. Transport hazard class(es)	9	9	9
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 kg		
Transport category	3		

SECTION 15: Regulatory information *****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany) *****

Water Hazard Class (Germany) WGK 3

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H302 Harmful if swallowed.
H371 May cause damage to organs.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4 Acute toxicity, Category 4
Aquatic Chronic 2 Hazardous to the aquatic environment, chronic, Category 2
STOT RE 2 Specific target organ toxicity - repeated exposure, Category 2
STOT SE 2 Specific target organ toxicity - single exposure, Category 2

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.

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