

Trade name: Paracetamol

Substance number: 066914

Version: 3 / CH

Date revised: 19.05.2022

Replaces Version: 2 / CH

Print date: 19.05.22

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

1.1. Product identifier

Paracetamol

Item No. 06691400

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)

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Acute Tox. 4 H302

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.

Precautionary statements ***

P264.1 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P301+P312 IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.
P330 Rinse mouth.
P501.3 Disposal in compliance with local and national regulations.

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

contains *** paracetamol

SECTION 3: Composition/information on ingredients *****Chemical characterization**

substances

Hazardous ingredients *****paracetamol**

CAS No. 103-90-2

EINECS no. 203-157-5

Concentration >= 97 %

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

Acute Tox. 4 H302

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Poisonous symptoms can first be observed after several hours, therefore medical observation for at least 48 hours is necessary.

After inhalation

Ensure supply of fresh air. If necessary, give oxygen. Heat. In the event of symptoms take medical treatment. If the patient is likely to become unconscious, place and transport in stable sideways position.

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.). Take medical treatment.

After ingestion

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

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.

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

Other information

Cool endangered containers with water spray jet. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep away unprotected persons. Keep people away and stay on the upwind side. Keep away sources of ignition. Use breathing apparatus if exposed to vapours/dust/aerosol. Ensure adequate ventilation. Avoid dust formation.

6.2. Environmental precautions

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Avoid raising dust. Place in a suitable container. Ensure adequate ventilation. Clean up affected area. When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Observe the usual precautions for handling chemicals. Use breathing apparatus when transferring large quantities without exhaust ventilation facilities. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid dust formation.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities**Recommended storage temperature**

Value 15 - 25 °C

Requirements for storage rooms and vessels

Keep only in original packaging.

Hints on storage assembly

Do not store with oxidizing agents.

Storage classes

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	11/13	Other solid hazardous substances with classification/labelling hazardous

Further information on storage conditions

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

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

Observe the usual precautions for handling chemicals. Use barrier skin cream. Keep away from food-stuffs, beverages and feed-stocks. Wash hands before breaks and after work. Avoid contact with skin and eyes.

Respiratory protection

Breathing apparatus in the event of high concentrations. Short term: filter apparatus, Filter P1; Short term: filter apparatus; At intensive and longer exposition use self-contained breathing apparatus. Dust mask

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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.

Appropriate Material	nitrile		
Material thickness	0.11		
Breakthrough time	480	min	

Hand protection must comply with EN 374.

Eye protection

Safety glasses with side protection shield; Eye protection must comply with EN 166.

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			
pH value				
Value	5.5	to	6.5	
Concentration/H ₂ O	10	%		
Temperature	20	°C		
Melting point				
Value	168	to	172	°C
Initial boiling point and boiling range ***				
Value	> 250			°C
Pressure	980.1	hPa		
Method	OECD 103			
Source	Merck KGaA Safety Data Sheet			
Flash point				
Value	184.6			°C
Method	Pensky-Martens closed cup			
Source	Merck KGaA Safety Data Sheet			
Flammability (solid, gas)				
Flammable.				
Upper/lower flammability or explosive limits				
Lower explosion limit	15			%(V)
Source	GESTIS-Stoffdatenbank			
Vapour pressure				
Remarks	Not applicable			
Vapour density				
Remarks	Not applicable			
Density				
Value	1.293			g/cm ³
Temperature	20	°C		
Source	GESTIS-Stoffdatenbank			
Solubility in water				
Value	19			g/l
Temperature	28	°C		

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Source Merck KGaA Safety Data Sheet

Solubility(ies)

Ethanol
 Temperature 20 °C
 Remarks soluble

Partition coefficient: n-octanol/water

log Pow 1.098
 Temperature 25 °C
 Source Merck KGaA Safety Data Sheet

Ignition temperature

Value 400 to 590 °C

Minimum ignition energy

Minimum ignition energy 4 to 5 MJ

Decomposition temperature

Value > 180 °C
 Source Merck KGaA Safety Data Sheet

Viscosity**dynamic**

Remarks Not applicable

kinematic

Remarks Not applicable

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

No dangerous reactions 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

No hazardous reactions known.

10.5. Incompatible materials

Strong oxidising agents

10.6. Hazardous decomposition products

In the event of fire the following can be released: Carbon monoxide and carbon dioxide, nitrous oxides (NO_x)

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

ATE 1'944 mg/kg
 Method calculated value (Regulation (EC) No. 1272/2008)

Acute oral toxicity (Components)**paracetamol**

Species rat
 LD50 1944 mg/kg

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

evaluation	Moderately irritating
Source	Primary Irritation Index: 0.3 Intact

paracetamol

Species	rabbit
evaluation	non-irritant
Method	OECD 404

Serious eye damage/irritation (Components)**paracetamol**

evaluation	Moderately irritating
Source	Kay and Calandra Class: 4

paracetamol

Species	rabbit
evaluation	non-irritant

Sensitization (Components)**paracetamol**

evaluation	non-sensitizing
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Mutagenicity (Components)**paracetamol**

evaluation	No mutagenicity in the Ames-test.
Method	OECD 471

paracetamol

Route of exposure	oral
Species	Human
evaluation	No experimental information on genotoxicity in vitro available.
Source	ECHA

Reproduction toxicity (Components)**paracetamol**

evaluation	No negative effects
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Carcinogenicity (Components)**paracetamol**

evaluation	No negative effects
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Specific Target Organ Toxicity (STOT) (Components)**paracetamol**

Organs: Liver

Other information

Warning - substance not yet fully tested.
Therapeutical substance.
After swallowing: feeling of sickness, vomiting, coma.

SECTION 12: Ecological information *****12.1. Toxicity****Fish toxicity (Components)****paracetamol**

Species	Fathead minnow (Pimephales promelas)
EC50	814 mg/l
Duration of exposure	96 h

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paracetamol

Species	Oryzias latipes		
LC50	160		mg/l
Duration of exposure	96	h	
Method	OECD 203		

Daphnia toxicity (Components)**paracetamol**

Species	Daphnia magna		
EC50	9.2		mg/l
Duration of exposure	48	h	
Method	static test		

Algae toxicity (Components)**paracetamol**

Species	Scenedesmus subspicatus		
IC50	134		mg/l
Duration of exposure	72	h	

Bacteria toxicity (Components)**paracetamol**

EC50	1000		mg/l
Duration of exposure	30	min	
Method	Microtox-Test		

12.2. Persistence and degradability**Biodegradability (Components)****paracetamol**

Value	57		%
evaluation	not readily degradable		
Method	OECD 301F		

12.3. Bioaccumulative potential**Partition coefficient: n-octanol/water**

log Pow	1.098		
Temperature	25	°C	
Source	Merck KGaA Safety Data Sheet		

12.4. Mobility in soil**General information**

No data available

12.5. Results of PBT and vPvB assessment**General information**

No data available

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

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations *****13.1. Waste treatment methods****Disposal recommendations for the product *****

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EWC waste code

No not dispose with rubbish.

EWC waste code

Should not be released into the sanitary sewer system.

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

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

15.2. Chemical safety assessment

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

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

H302 Harmful if swallowed.

CLP categories listed in Chapter 3

Acute Tox. 4 Acute toxicity, Category 4

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.