

Trade name: Meproester natrium (E219/217)

Substance number: 065578

Version: 4 / CH

Date revised: 18.11.2019

Replaces Version: 3 / CH

Print date: 18.11.19

SECTION 1: Identification of the substance/mixture and of the company/undertaking *****1.1. Product identifier**

Meproester natrium (E219/217)

Item No. 06557800

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/preparation**

Preservative, food industry, Manufacture of pharmaceutical products, Manufacture of cosmetics

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)

Skin Irrit. 2 H315

Eye Dam. 1 H318

Aquatic Chronic 3 H412

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**

Danger

Hazard statements ***

H315

Causes skin irritation.

H318

Causes serious eye damage.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements ***

P264.1

Wash hands thoroughly after handling.

Trade name: Meproester natrium (E219/217)

Substance number: 065578

Version: 4 / CH

Date revised: 18.11.2019

Replaces Version: 3 / CH

Print date: 18.11.19

P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER or doctor.
 P501.3 Disposal in compliance with local and national regulations.

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

contains *** Sodium 4-(methoxycarbonyl)phenolate; Sodium 4-propoxycarbonylphenoxide

SECTION 3: Composition/information on ingredients *****3.2. Mixtures****Hazardous ingredients *******Sodium 4-(methoxycarbonyl)phenolate**

CAS No.	5026-62-0			
EINECS no.	225-714-1			
Concentration	>=	50		%
Classification (Regulation (EC) No. 1272/2008)				
	Skin Irrit. 2		H315	
	Eye Dam. 1		H318	
	Aquatic Chronic 3		H412	

Sodium 4-propoxycarbonylphenoxide

CAS No.	35285-69-9			
EINECS no.	252-488-1			
Concentration	>=	25	<	50 %
Classification (Regulation (EC) No. 1272/2008)				
	Eye Dam. 1		H318	

SECTION 4: First aid measures *****4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

Wash off immediately with soap and water and rinse well. Remove contaminated, soaked clothing immediately and dispose of safely.

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

Rinse out mouth and give plenty of water to drink. Summon a doctor immediately.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Water, Foam, Carbon dioxide, Dry powder

5.2. Special hazards arising from the substance or mixture

The product is combustible. In case of combustion, evolution of health hazardous partially burned gases.

Trade name: Meproester natrium (E219/217)

Substance number: 065578

Version: 4 / CH

Date revised: 18.11.2019

Replaces Version: 3 / CH

Print date: 18.11.19

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

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

Other information

Suppress gases/vapours/mists 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**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective clothing. Do not inhale dust. Ensure adequate ventilation.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Take up mechanically and collect in suitable container for disposal. Clean up affected area. Avoid raising dust.

6.4. Reference to other sections

Information regarding waste disposal, see Section 13.

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

Avoid dust formation. Dust deposits that cannot be avoided must be taken up regularly. Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep tightly closed in a dry and cool place.

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)	8	Caustic and corrosive substances

Further information on storage conditions

Keep container tightly closed. Protect from atmospheric moisture and water. Product is hygroscopic.

7.3. Specific end use(s)

Manufacture of pharmaceutical products; food industry; Manufacture of cosmetics

SECTION 8: Exposure controls/personal protection *****8.1. Control parameters****Other information**

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

Trade name: Meproester natrium (E219/217)

Substance number: 065578

Version: 4 / CH

Date revised: 18.11.2019

Replaces Version: 3 / CH

Print date: 18.11.19

Exposure controls

See Section 7. No measures exceeding the ones mentioned necessary.

General protective and hygiene measures

Keep away from food-stuffs, beverages and feed-stocks. Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands before breaks and after work. Avoid contact with eyes. Hold eye wash fountain available.

Respiratory protection

Breathing apparatus in the event of aerosol, mist or fume formation. Particle filter P2

Hand protection ***

Protective gloves	
Appropriate Material	nitrile rubber - NBR
Material thickness	0.11 mm
Breakthrough time	> 480 min

Eye protection

Tightly fitting safety glasses

Body protection

Protective clothing

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

Form	solid
Colour	white
Odour	perceptible

pH value

Remarks	Not applicable
---------	----------------

Melting point

Remarks	not determined
---------	----------------

Initial boiling point and boiling range

Remarks	not determined
---------	----------------

Flash point

Remarks	Not applicable
---------	----------------

Flammability (solid, gas)

Not self inflammable

Density

Remarks	not determined
---------	----------------

Solubility in water

Remarks	soluble
---------	---------

Decomposition temperature

Remarks	To avoid thermal decomposition, do not overheat.
---------	--

9.2. Other information**Other information**

The product is not dangerous for explosions.

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

Trade name: Meproester natrium (E219/217)

Substance number: 065578

Version: 4 / CH

Date revised: 18.11.2019

Replaces Version: 3 / CH

Print date: 18.11.19

Danger of dust explosion

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

Oxidising agents

10.4. Conditions to avoid

No decomposition if stored and applied as directed.

10.5. Incompatible materials

Strong oxidising agents

10.6. Hazardous decomposition products

Irritant gases/vapours

SECTION 11: Toxicological information *****11.1. Information on toxicological effects****Acute oral toxicity (Components)****Sodium 4-(methoxycarbonyl)phenolate**

Species	rat	
LC50	>	5000 mg/kg
Method	OECD 401	

Skin corrosion/irritation (Components)**Sodium 4-(methoxycarbonyl)phenolate**

evaluation	irritant
Method	OECD 439

Sodium 4-(methoxycarbonyl)phenolate

evaluation	non-corrosive
Method	OECD 431
Source	BM000134 SDS Merck 20160701

Serious eye damage/irritation (Components)**Sodium 4-(methoxycarbonyl)phenolate**

evaluation	corrosive
------------	-----------

Specific Target Organ Toxicity (STOT) (Components)**Sodium 4-(methoxycarbonyl)phenolate**

Remarks	No data available
---------	-------------------

SECTION 12: Ecological information *****12.1. Toxicity****Fish toxicity (Components)****Sodium 4-(methoxycarbonyl)phenolate**

Species	Oryzias latipes	
LC50	59.5	mg/l
Duration of exposure	96	h
Method	OECD 203	
Remarks	Test conducted with a similar formulation.	

Daphnia toxicity (Components)**Sodium 4-(methoxycarbonyl)phenolate**

Species	Daphnia magna
---------	---------------

Trade name: Meproester natrium (E219/217)

Substance number: 065578

Version: 4 / CH

Date revised: 18.11.2019

Replaces Version: 3 / CH

Print date: 18.11.19

EC50 11.2 mg/l
 Duration of exposure 48 h
 Remarks Test conducted with a similar formulation.

Algae toxicity (Components)**Sodium 4-(methoxycarbonyl)phenolate**

Species Pseudokirchneriella subcapitata
 EC50 91 mg/l
 Duration of exposure 72 h
 Method ISO 8692
 Remarks Test conducted with a similar formulation.

12.2. Persistence and degradability**Biodegradability (Components)****Sodium 4-(methoxycarbonyl)phenolate**

Value 89 %
 Duration of test 28 d
 Remarks Test conducted with a similar formulation.

12.5. Results of PBT and vPvB assessment**Evaluation of persistence and bioaccumulation potential (Components)****Sodium 4-(methoxycarbonyl)phenolate**

Due to the distribution coefficient n-octanol/water, accumulation in organisms is not to be expected.

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

Harmful to aquatic organisms. 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**

EWC waste code No not dispose with rubbish.
 In accordance with regulations for special waste, must be taken to an authorised special waste disposal site or incineration plant.
 EWC waste code Should not be released into the sanitary sewer system.

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	Non-dangerous goods	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**

Trade name: Meproester natrium (E219/217)

Substance number: 065578

Version: 4 / CH

Date revised: 18.11.2019

Replaces Version: 3 / CH

Print date: 18.11.19

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**

H315	Causes skin irritation.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Dam. 1	Serious eye damage, Category 1
Skin Irrit. 2	Skin irritation, 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.