

Trade name: Tosylchloramidum natricum

Substance number: 846560

Version: 2 / CH

Date revised: 17.12.2018

Replaces Version: 1 / CH

Print date: 07.10.19

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

1.1. Product identifier

Tosylchloramidum natricum

Item No. 84656002

Registration no.

EC No.: 204-854-7

CAS No. 7080-50-4

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

Skin Corr. 1B H314

Eye Dam. 1 H318

Resp. Sens. 1 H334

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

H302

Harmful if swallowed.

H314

Causes severe skin burns and eye damage.

H334

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

EUH031

Contact with acids liberates toxic gas.

Precautionary statements

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P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P284 [In case of inadequate ventilation] wear respiratory protection.
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 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.

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

contains 4-Methylbenzenesulfonimide

SECTION 3: Composition/information on ingredients**3.1. Substances****Molecular weight**

Value 227.65 g/mol

Hazardous ingredients**4-Methylbenzenesulfonimide**

CAS No. 7080-50-4

EINECS no. 204-854-7

Concentration >= 50 %

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

Acute Tox. 4	H302
Skin Corr. 1B	H314
Resp. Sens. 1	H334

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

Remove the casualty into fresh air and keep him calm. Summon a doctor immediately.

After skin contact

Remove contaminated, soaked clothing immediately and dispose of safely. After contact with skin, wash immediately with plenty of water and soap.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Take medical treatment.

After ingestion

Let plenty of water be drunk in small gulps. Do not induce vomiting.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**recommended: alcohol resistant foam, CO₂-blanket, powders, water spray/mist, Extinguishing measures to suit surroundings**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. Sulfuroxides (SO_x); Chlorine (Cl₂); explosiv

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5.3. Advice for firefighters

Special protective equipment for fire-fighting

Wear protective clothing. Use self-contained breathing apparatus.

Other information

Do not discharge into surface waters/groundwater. Fire residues must be disposed of in a proper manner.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with organic compounds. Avoid dust formation.

6.2. Environmental precautions

Do not empty into drains.

6.3. Methods and material for containment and cleaning up

To pick up dry. When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Refer to protective measures listed in Sections 7 and 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Work only in fume cupboards. Do not inhale dust.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value 8 - 15 °C

Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place. Keep tightly closed in a dry and cool place.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

Respiratory protection

Dust mask

Hand protection

Protective gloves

Appropriate Material rubber

Appropriate Material nitrile rubber - NBR

Eye protection

Tightly fitting 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 solid

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Colour	white to yellow			
Odour	Slight chlorine.			
pH value				
Value	8	to	10	
Concentration/H ₂ O	50	g/l		
Source	GESTIS-Stoffdatenbank			
Melting point				
Value	167	to	170	°C
Initial boiling point and boiling range				
Remarks	Not applicable			
Flash point				
Value	192			°C
Solubility in water				
Value	150			g/l
Temperature	20	°C		
Decomposition temperature				
Value	167	to	170	°C
Source	GESTIS-Stoffdatenbank			

9.2. Other information**Bulk density**

Value	500	to	600	kg/m ³
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SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

Sensitive to air.

10.3. Possibility of hazardous reactions

In a fire, hazardous decomposition products may be produced.

10.4. Conditions to avoid

Protect from exposure to air/oxygen.

10.5. Incompatible materials

strong reducing agents, Oxidising agents, Acids

10.6. Hazardous decomposition productsCarbon monoxide and carbon dioxide, Hydrogen chloride (HCl), nitrous oxides (NO_x), sulphurous oxides (SO_x), Sodium sulfide**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

ATE	1'000	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

Acute oral toxicity (Components)**4-Methylbenzenesulfonimidate**

Reference substance	4-Methylbenzenesulfonimidate
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Species	Rats (male/female)	
LD50	appr. 1000	mg/kg

Acute inhalative toxicity (Components)**4-Methylbenzenesulfonimide**

Reference substance	4-Methylbenzenesulfonimide	
Species	Rats (male/female)	
LC50	> 0.275	mg/l
Duration of exposure	15 min	

Skin corrosion/irritation (Components)**4-Methylbenzenesulfonimide**

Remarks	Corrosive
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Serious eye damage/irritation (Components)**4-Methylbenzenesulfonimide**

evaluation	corrosive
Remarks	Influence of the product with the eyes can lead to blindness.

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

Species	guppy (Poecilia reticulata)	
LC50	31	mg/l

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

EWC waste code	No not dispose with rubbish.
Dispose of waste according to applicable legislation.	
EWC waste code	Should not be released into the sanitary sewer system.
EWC waste code	07 05 wastes from the MFSU of pharmaceuticals

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

SECTION 14: Transport information

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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	E		
14.1. UN number	1759	1759	1759
14.2. UN proper shipping name	CORROSIVE SOLID, N.O.S. (4-Methylbenzenesulfonimide)	CORROSIVE SOLID, N.O.S. (4-Methylbenzenesulfonimide)	CORROSIVE SOLID, N.O.S. (4-Methylbenzenesulfonimide)
14.3. Transport hazard class(es)	8	8	8
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 2
 Remarks Self-assessment

SECTION 16: Other information

Hazard statements listed in Chapter 3

H302 Harmful if swallowed.
 H314 Causes severe skin burns and eye damage.
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

CLP categories listed in Chapter 3

Acute Tox. 4 Acute toxicity, Category 4
 Resp. Sens. 1 Respiratory sensitization, Category 1
 Skin Corr. 1B Skin corrosion, Category 1B

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.