

Safety Data sheet

According to Directive 1907/2006

0087 ANTIMONY POTASSIUM TARTRATE

Creation Date: 01/12/2010 Revision date: 31/05/2017

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

Identification of the product

Catalogue No: 0087 Product name: ANTIMONY POTASSIUM TARTRATE Use of the substance: Analysis and chemical-pharmaceutical production.

Company/undertaking identification

QUALITY CHEMICALS, SL - C/Fornal 35. Pol. Ind. Can Comelles Sud 08292 ESPARREGUERA ESPAÑA Tel. 937709730 Fax. 937709337 e-mail: dtecnica@qualitychemicals.com

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2. Hazards identification

Labelling in accordance with directive 1907/2006



R-phrases

20/22 Harmful by inhalation and if swallowed.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases

22 Do not breathe dust.

61 Avoid release to the environment. Refer to special instructions / Safety data sheets.

Labelling in accordance with directive 1272/2008





H-phrases

332 Harmful if inhaled.
302 Harmful if swallowed.
411 Toxic to aquatic life with long lasting effects.

P-phrases

309+311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
273 Avoid release to the environment.

Signal word : WARNING

HARMFUL; DANGEROUS FOR ENVIRONMENT

R-phrases:

Harmful by inhalation and if swallowed.

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

3. Composition/information on ingredients

For the full text of the R phrases mentioned in this section, see Section 16.

CAS-No.: 28300-74-5

Molecular Weight: 667,86

Chemical formula: $C_8H_4K_2O_{12}Sb_2 \cdot 3H_2O$

EC-Index-No.: 051-003-00-9

EC-No.: 234-293-3

R-phrases 20/22; 51/53

For more information about the R-Phrases text you can consult the paragraph 16

4. First aid measures

After inhalation:

Fresh air

If necessary, artificial respiration

Call the physician

After skin contact:

Rinse with abundant water (or have a shower)

Get rid of the contaminated clothes

After eye contact:

Rinse with abundant water, keeping eyelids open (at least 10 min)

After swallowing:

Drink lots of water

Call the doctor

5. Fire-fighting measures

Suitable extinguishing media:

Adapt the materials of the surroundings

Special risks:

Fireproof

Ambient fire may liberate hazardous vapours

Special protective equipment for fire fighting:

Remain in the risk area only if provided with independent artificial respiratory systems.

Other information:

Precipitate emergent steam with water

6. Accidental release measures

Person-related precautionary measures:

Avoid contact with the substance

Do not inhale dust

Ventilation in closed spaces

Procedures for cleaning/absorption:

Dry cleaning. Proceed to the elimination of any waste.

Rinse.

To avoid the inert dust formation

Environmental protection measures:

Do not send it to the sewerage system

7. Handling and storage

Handling: Without other exigencies

Storage:

Well closed

Dry place.

Storage temperature: without limits

8. Exposure controls/personal protection

Exposure limit control

TLV-TWA: 0,5 mg/m³ (Sb)

Personal protective equipment:

Respiratory protection:

Necessary respiratory protection in the presence of dust

Hand protection:

Needed

Protection gloves:

Nitrile rubber

Eye protection:

Needed

Other protective equipment:

Change immediately contaminated clothes

Recommendable preventive protection of the skin

Wash hands and face when the work is finished

Fulfill the commitments under local environmental protection legislation

9. Physical and chemical properties

Physical state: Solid

Colour: Colourless

Odour: Odourless

pH value: 3-5 (50 g/l H₂O)

Solubility: 55 g/l (water)
log P(ow): -8.32 (anhydrous substance)

10. Stability and reactivity

Substances to be avoided:

Strong oxidizing agents.

Hazardous decomposition products:

Not available.

Further information:

Releases water of crystallization when heated.

11. Toxicological information

Acute toxicity:

LD50 (oral, rat): 115 mg/kg; LDLO (oral, man): 2 mg/kg

After eye contact:

Irritation

After skin contact:

Irritations

After inhalation:

Absorption

Irritations of the mucous membranes

Coughing

Dyspnoea

After swallowing:

Gastrointestinal disorders

Abdominal pain

Further toxicological information:

Take the usual precautions for handling chemical products

12. Ecological information

Fishes: P. promelas LC50: 12 mg/l /96 h (anhydrous substance)

Daphnia: Daphnia magna EC50: 55 mg/l /24 h

Log P(ow): -8,32

Biodegradability: Low

Bioaccumulation: No bioaccumulation is to be expected (log Pow<1).

Other harmful effects:

Harmful effect on aquatic organisms

May cause long-term adverse effects in the aquatic environment

Do not allow to enter waters, waste water, or soil

13. Disposal considerations

Product:

Dispose as regulated in the community countries by local regulations.

Please contact with the suitable authority in each case (Public Administration or company specialized in

Packaging:

Product packaging disposal must be disposed of in compliance with the respective local regulations.
For contaminated packaging the same measures must be adopted as for the contaminated product.
Not contaminated packaging must be disposed of as domestic residues or recycled material.
European Directive 94/62/EC of 20 December 1994 on packaging and packaging waste

14. Transport information

Overland transport ADR/RID

UN: 1551
Class: 6.1
Packaging group: III
Correct technical name: ANTIMONY POTASSIUM TARTRATE

Sea transport IMDG

UN: 1551
Class: 6.1/III
Packaging group: III
Correct technical name: ANTIMONY POTASSIUM TARTRATE

Air transport ICAO-IATA-DGR

UN: 1551
Class: 6.1
Packaging group: III
Correct technical name: ANTIMONY POTASSIUM TARTRATE
CAO: 677
PAX: 670

15. Regulatory information

16. Other information

Full text of R phrases mentioned in sections 2 and 3
20/22 Harmful by inhalation and if swallowed.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
The information contained herein is based on the present state of our knowledge.
It characterizes the product with regard to appropriate safety precautions. It does not represent a guaranty of the properties of the product.