

Safety Data sheet

According to Directive 1907/2006

0301 BARIUM ACETATE

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: 0301 Product name: BARIUM ACETATE 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

Emergency telephone No.

Quality Chemicals S.L. Tel. +34 937709730 Only in business hours. Instituto Nacional de Toxicología *Madrid* Tel:915620420 Chemtrec: 800-424-9300

2. Hazards identification

Labelling in accordance with directive 1907/2006



R-phrases

20/22 Harmful by inhalation and if swallowed.

S-phrases

28 After contact with skin, wash immediately with plenty of ... (to be specified by the manufacturer).

Labelling in accordance with directive 1272/2008



H-phrases

332 Harmful if inhaled.

302 Harmful if swallowed.

P-phrases

309+311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

302+352 IF ON SKIN: Wash with plenty of soap and water.

Signal word : WARNING

HARMFUL

R-phrases:

Harmful by inhalation and if swallowed.

3. Composition/information on ingredients

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

CAS-No.: 543-80-6

Molecular Weight: 255,42

Chemical formula: $(\text{CH}_3\text{COO})_2\text{Ba}$

EC-Index-No.: 056-002-00-7

EC-No.: 208-849-0

R-phrases 20/22

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

4. First aid measures

After inhalation:

Fresh air

After skin contact:

Rinse with abundant water (or have a shower)

Get rid of the contaminated clothes

Call the physician

After eye contact:

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

Call the ophthalmologist

After swallowing:

In case of respiratory shutdown: artificial respiration

Drink lots of water

Laxative: sodium sulphate (1 spoonful for every 1/4 l water)

5. Fire-fighting measures

Suitable extinguishing media:

Adapt the materials of the surroundings

Special risks:

Fireproof

Ambient fire may liberate hazardous vapours

In case of fire, possible formation of acetic acid

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

Avoid penetration in superficial or subterraneous aquifers

6. Accidental release measures

Person-related precautionary measures:

Avoid dust formation

Do not inhale dust

Avoid contact with the substance

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 (Ba)

Personal protective equipment:

Respiratory protection:

Necessary respiratory protection in the presence of dust

Hand protection:

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: White

Odour: Almost odourless

pH value: 6,5-8,5 (50 g/l H₂O) (20°C)

Solubility: 720 g/l (water at 20°C)

10. Stability and reactivity

Substances to be avoided:

Acids.

Oxidizing agents.

11. Toxicological information

Acute toxicity:

LD50 (oral, rat): 921 mg/kg

After eye contact:

Slight irritation

After skin contact:

Slight irritation symptoms

After inhalation:

Irritations of the mucous membranes

Coughing

Dyspnoea

Absorption

After long contact:

Due to absorption:

Dyspnoea

CNS disorders

Muscular rigidity

After swallowing:

Gastrointestinal disorders

Absorption

Further toxicological information:

Take the usual precautions for handling chemical products

12. Ecological information

Fishes: Lethal from 160 mg/l approx. (barium compounds)

Daphnia: Toxic from 29 mg/l (Ba)

Algae: Scenedesmus quadricauda: toxic from 34 mg/l

Other harmful effects:

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

Hazard for drinking water supplies

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: 1564

Class: 6.1

Packaging group: III

Correct technical name: BARIUM COMPOUND, N.O.S.

Sea transport IMDG

UN: 1564
Class: 6.1
Packaging group: III
Correct technical name: BARIUM COMPOUND, N.O.S.

Air transport ICAO-IATA-DGR

UN: 1564
Class: 6.1/III
Packaging group: III
Correct technical name: BARIUM COMPOUND, N.O.S.
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.

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.