

Safety Data sheet

According to Directive 1907/2006

3838 BENZYL ALCOHOL GMP

Creation Date: 01/03/2016 Revision date: 31/05/2017

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

Identification of the product

Catalogue No: 3838 Product name: BENZYL ALCOHOL GMP Use of the substance: Chemical for synthesis REACH registration Nr.: 01-2119492630-38-0000

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

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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.

261 Avoid breathing dust/fume/gas/mist/vapours/spray.

271 Use only outdoors or in a well-ventilated area.

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.: 100-51-6

Molecular Weight: 108,14

Chemical formula: $C_6H_5-CH_2OH$

EC-Index-No.: 603-057-00-5

EC-No.: 202-859-9

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

If necessary, artificial respiration

Give oxygen by specialized people

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)

Call the ophthalmologist

After swallowing:

Caution if victim vomits

Risk of aspiration

Keep airways free

Call the doctor

Stomach washing

5. Fire-fighting measures

Suitable extinguishing media:

Water

Dust

Foam

Carbon dioxide

Special risks:

Steam heavier than air

Combustible

Possible formation of explosive mixtures with air

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:

Cool the containers spraying water

6. Accidental release measures

Person-related precautionary measures:

Avoid contact with the substance

Not to inhale steam/aerosols

Ventilation in closed spaces

Procedures for cleaning/absorption:

To gather with absorbents

To come to the elimination of the remainders

Rinse.

Environmental protection measures:

Do not send it to the sewerage system

7. Handling and storage

Handling: Avoid electrostatic load

Storage:

Well closed

Moved away of sources of ignition and heat

8. Exposure controls/personal protection

Personal protective equipment:

Respiratory protection:

Necessary when steam/aerosols are generated

Hand protection:

Protection gloves:

Butyl rubber

Viton

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: Liquid

Colour: Colourless

Odour: Characteristic

Melting point: -15°C

Boiling point: 205°C

Ignition temperature: 435°C

Flash point: 93°C

Explosion limits: Lower: 1,3 Vol % Upper: 13 Vol %

Vapour pressure: 0,13 hPa

Density (g/cm³): 1,040

Solubility: 40 g/l (water)
log P(ow): 1,1

10. Stability and reactivity

Substances to be avoided:

Concentrated sulfuric acid.

Iron.

Polymerization initiators.

Oxidizing agents.

Hazardous decomposition products:

Not available.

Further information:

Light-sensitive.

Sensitive to air.

To avoid heating.

Incompatible with various plastics.

Forms explosive mixtures with air on intense heating.

11. Toxicological information

Acute toxicity:

LD50 (oral, rat): 1230 mg/kg

After eye contact:

Slight irritation

After skin contact:

Risk of cutaneous absorption

After inhalation:

Irritations of the mucous membranes

Coughing

Dyspnoea

Drowsiness

Dizziness

After long contact:

Headache

CNS disorders

Agitation

Spasms

Nausea

Inebriation

Respiratory paralysis

Loss of consciousness

After swallowing:

Irritations of pharynx

Irritations of gastrointestinal tract

Irritations of mucous membranes in the mouth

Irritations of oesophagus

Vomiting

Diarrhoea

Further toxicological information:

The precautions adapted for chemical agents must be observed

12. Ecological information

Quality Chemicals, S.L.

Inscrita en el Registro Mercantil de Barcelona,
tomo 30166, folio 195, Sección General, hoja 169845.
Identificación fiscal ES B61403242

Fishes: L.macrochirus: LC50: 10 mg/l/96h
Daphnia: Daphnia magna: EC50: 400 mg/l/24h
Algae: Scenedesmus quadricauda: IC5: 640 mg/l/96h
Bacteria: Photobacterium phosphoreum: EC50: 71,4 mg/l/30min
Log P(ow): 1,1
Degradability: Readily biodegradable
BOD5 1,55 g/g
COD 2,418
TOD 2,519 g/g
Bioaccumulation: No important bioaccumulation potential is to be expected (log Pow 1-3)
Other harmful effects:
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

Sea transport IMDG

Air transport ICAO-IATA-DGR

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.