

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Revision date 24.10.2019

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Version 2

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

1.1 Product identifier

1.2 Relevant identified uses of the substance or mixture and uses advised against TK.200781

Generic name BUTYL GLYCOL

REACH No.

CAS No. 111-76-2

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses Industrial uses. Scientific research and development.

Use of the substance / mixture

Uses advised against

Details of the supplier of the safety data sheet

Name TEKKİM KİMYA SAN. T.C. LTD. T

Street ORGANİZE SAN. BÖL. MAVİ CAD. 8. SOK. NO : NİLÜFER / BURSA

Telephone 0224 243 21 71

E-mail tekkim@tekkim.com.tr

Company Representative Gökhan ÖZKAN

Emergency Telephone Number 0553 209 14 16 - 0553 209 14 18

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute Tox. 4

Acute Tox. 4

Acute Tox. 4

Skin Irrit. 2

Eye Irrit. 2

Full text of R-, H- and EUH-phrases: see section 16.

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2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Signal word

Warning

Hazard Statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled

Precautionary Statements

Prevention

Response

P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage

2.3 Other hazards

SECTION 3: Composition/information on ingredients

Substances

Formula C₆H₁₄O₂

EC No. 203-905-0

Molar mass 118,18 g/mol

<u>Characteristic</u>	<u>CAS No</u>	<u>EC No</u>	<u>Concentration</u>	<u>Classification</u>
Butyl Glycol	111-76-2	203-905-0	>=99,0 %	

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

Description of first aid measures

General information	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible)..
Following inhalation	Remove casualty to fresh air and keep warm and at rest..
Following skin contact	Subsequently wash off with:.
Following eye contact	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist..
Following ingestion	Do NOT induce vomiting.. Do not Give nothing to eat or drink.. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention..

Most important symptoms and effects, both acute and delayed

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Dizziness. Nausea.

Indication of any immediate medical attention and special treatment needed

No information available..

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water. Foam. Dry extinguishing powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

5.2 Special hazards arising from the substance or mixture

5.3 Advice for firefighters

Special protective equipment for firefighters

5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water..

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Don't breathe vapours,aerosols.Avoid substance contact. Keep away from head and source of ignition. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures,consult an expert..

6.2 Environmental precautions

Do not allow to enter into surface water or drains..

6.3 Methods and material for containment and cleaning up

Close drainage channels.Take up with liquid-absorbent material.Clean the affected area.

6.4 Reference to other sections

Disposal: see section 13.

6.5 Additional information

Clear spills immediately..

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Advices on safe handling

Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols. Work under hood. Do not inhale substance/mixture. Avoid generation of dust.

Measures to prevent fire

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Advices on general occupational hygiene

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7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

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7.3 Specific end uses

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SECTION 8: Exposure controls / personal protection

8.1 Control parameters

No information

8.2 Exposure controls

Appropriate engineering controls

Fresh air (open windows and doors) is necessary..

Personal protection equipment

Eye/face protection

Safety glasses

Hand protection

Full contact

Glove material : Nitrile rubber

Glove thickness : 0,40 mm

Break through time : >480 minute

Splash contact :

Glove material : Nitrile rubber

Glove thickness : 0,20 mm

Break through time : >30 minute

The protective gloves to be used must comply with the specifications of directive 89/686/EEC and the related standart EN374

Other skin protection

Protective chlothing

Respiratory protection

Required when dusts are generated

Recommended filter type : Filter A

Environmental exposure controls

SECTION 9: Physical and chemical Properties

Information on basic physical and chemical properties

Physical state	Liquid
Colour	transparent
Odour	odourless
Odour threshold	No information
pH value	No information 0 g/l

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Melting point/freezing point	-75 C
Freezing point	No information
Initial boiling point and boiling range	170-172 C
Flash point	No information
Evaporation rate	No information
Flammability (solid, gas)	No information °C
Upper/lower flammability or explosive limits	1,1 %(V)
Upper/lower flammability or explosive limits	12,7 %(V)
Vapour pressure	No information
Vapour density	No information
Density	0,902 g/cm ³
Relative density	No information
Water solubility (g/l)	Soluble °C
Fat solubility (g/l)	No information °C
Partition coefficient: n-octanol/water	log Pow : 0,81 (25 C) Bioaccumulation is not expected
Auto-ignition temperature	No information
Decomposition temperature	No information

Viscosity

Kinematic viscosity	No information
Dynamic viscosity	No information
Explosive properties	Not classified is not expected
Oxidising properties	No information

SECTION 10: Stability and Reactivity

10.1 Reactivity

Section 10.3 to see.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature..

10.3 Possibility of hazardous reactions

No information

10.4 Conditions to avoid

In case of warming:.

10.5 Incompatible materials

Oxidising agent, strong.

10.6 Hazardous decomposition products

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No known hazardous decomposition products..

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity
No information

Acute dermal toxicity
No information

Skin irritation
Irritation

Eye irritation
Irritation

11.2 Additional information

Handle in accordance with good industrial hygiene and safety practice

SECTION 12: Ecological information

12.1 Toxicity

No information

12.2 Persistence and degradability

No information

12.3 Bioaccumulative potential

Partition coefficient (n-octanol/water)
logPOW: -0,81
Bioaccumulation is not expected

12.4 Mobility in soil

No information

12.5 Results of PBT and vPvB assessment

Substance does not meet the criteria for PBT or vPvB

12.6 Other adverse effects

Discharge into environment must be avoided

SECTION 13: Disposal considerations

Waste treatment methods

It must be disposed of in accordance with national and local regulations. Do not mix with other products. It was to proceed as their products uncleaned packaging.

SECTION 14: Transport information

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Land transport (ADR/RID)

UN number Not dangerous goods

UN proper shipping name

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for

Tunnel restriction code

Inland waterway transport (ADN)

Limited quantity (LQ)

Special Provisions

Category

Air transport (ICAO-TI / IATA-DGR)

UN number Not dangerous goods

UN proper shipping name

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for

Sea transport (IMDG)

UN number Not dangerous goods

UN proper shipping name

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

No information

Chemical Safety Assessment

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SECTION 16: Other information

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Prepared the Document

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