

SAFETY DATA SHEET

(RG, 13.12.2014, No-29204) It complies with the Regulation on Safety Data Sheets on Hazardous Substances and Mixtures.

Substance/Mixture Name	1,3- Butylene Glycol	Regulation Date	21.02.2025
		Editing Date	
Form No	064.400.39	Number Of Editing	1

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name : [Butylene Glycol](#)
 Form No/GBF No : 064.400.39
 Brand : [Qlp](#)
 EC No : 203-529-7
 CAS No : 107-88-0

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

Identified uses : Production of candles and products in various sectors.
 Uses advised against : No additional information available.

1.3 Details of the supplier of the tds Identification of the company

Company : Smart Kimya Ticaret ve Danışmanlık Limited Şirketi
 Central Address : 10016 Street No:18 AOSB Çiğli/İzmir
 Telephone : 0850 441 00 22
 Email Address : s@hammaddeler.com
 Websites : hammaddeler.com - gbf.com.tr

1.4 Emergency Phone Number

National Toxic Information Center (UZEM): 114

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of Substance and Mixture

Classification according to Regulation (EC) No 28848/2013

According to the Regulation on Classification, Labelling and Packaging of Substances and Mixtures published in the Official Gazette dated 1 December 2013 and numbered 28848, it is not a hazardous substance or mixture.

2.2 Label elements

Labelling according Regulation (EC) No 28848/2013

Pictogram : Not applicable
 Signal word (SEA) : Not applicable
 Hazard Statements (SEA) : Not applicable
 Precautionary statement(s) : Not applicable

2.3 Other hazards

No additional information available.

SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Component Name	EC No	CAS No	Concentration (%)	(RG, 11.12. 2013, No 28848) Classification in accordance with the "Regulation on Classification, Labeling and Packaging of Substances and Mixtures" (SEA)
1,3-Butylene Glycol	203-529-7	107-88-0	%100	Not classified

3.2 Mixtures

Not applicable.

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SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

In case of skin contact

Remove contaminated clothing immediately. Wash with plenty of water. If irritation persists, get medical advice/attention.

After eye contact

Immediately flush eyes with plenty of water. Remove contact lenses if present and easy to do. If irritation persists, get medical advice/attention.

Following ingestion

Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical help/attention

4.2 Most important symptoms and effects, both acute and delayed

No additional information available.

4.3 Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, foam, dry chemical or carbon dioxide (CO₂).

5.2 Special hazards arising from the substance or mixture

Flammable.

Heavier than air vapors may condense on the ground. Forms explosive mixtures with air in intense heat. Hazardous flammable gases or vapors may develop in case of fire.

5.3 Advice for firefighters

In case of fire, use a full face mask with oxygen cylinder. Cool closed containers exposed to fire by spraying water.

5.4 Additional information

No additional information available.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8.

6.2 Environmental precautions

Avoid the spreading, flowing and reaching underground/surface water sources of the spilled material. Be careful not to mix it with the sewage system.

6.3 Methods and material for containment and cleaning up

Close drainage channels. Collect spills, store in closed and suitable closed containers. Collect spills, pump away. Use liquid absorbent material.

6.4 Reference to other sections

Atık bertarafı için 13. bölüme bakınız.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not eat, drink or smoke during use. See section 8.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry and well-ventilated place in its tightly closed original packaging.

7.3 Specific end use(s)

No additional information available.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with Workspace Control Parameters

No additional information available.

8.2 Exposure controls

8.2.1. Appropriate engineering controls

No additional information available.

8.2.2. Personal protection equipment

Eye/face protection

Wear eye protection equipment that has been tested and approved in accordance with standards such as NIOSH (US) or EN 166 (EU).

Skin protection

Use gloves that have been tested and approved in accordance with standards such as NIOSH (US) or EN 166 (EU).

Body Protection

Since workplace conditions where handling takes place vary, select personal protective equipment appropriate for the workplace.

Respiratory protection

Use a mask that has been tested and approved in accordance with standards such as NIOSH (US) or EN 166 (EU).

8.2.3. Environmental exposure controls

Avoid the spreading, flowing and reaching of the spilled material to underground/surface water resources. Be careful not to mix it with the sewage system.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless
Odour	: Odourless
pH	: 6.1
Solubility (20°C)	: Solubility in water: > 500 g/l
Initial boiling point and boiling range	: 209°C
Melting point/Freezing point	: -57°C
Flash Point	: 115°C
Upper/lower flammability or explosive limits	: Upper/lower flammability or explosive limits
Evaporation Rate	:
Vapor Pressure (20°C)	: < 1 hPa
Density (20°C)	: 1.0 g/cm ³
Relative vapor density(20°C; Air=1.0)	: 3.2
Partition Coefficient:n-octanol/water	: log Pow: -0.9 (25 °C) OECD Test Guideline 117 Bioaccumulation is not expected.
Viscosity(20°C)	: 131.8 mPa.s
Explosive Properties	: Not classified as explosive.

9.2 Other information

No additional information available.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Forms explosive mixtures with air at intense temperatures. A zone approximately 15 Kelvin below the flash point should be classified as critical.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No additional information available.



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10.4 Conditions to avoid

Keep away from naked flames, hot surfaces and anything that may cause ignition. Avoid strong heating.

10.5 Incompatible materials

Oxidizing agents, acid anhydrides.

10.6 Hazardous decomposition products

During decomposition, carbon dioxide (CO₂) and carbon monoxide (CO) may be formed.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxic Effects

Acute toxicity

Oral : LD50 Rat: 22,800 mg/kg

Inhalation : No data available

Dermal : LD50 Rabbit: > 20,000 mg/kg

Serious eye damage/irritation

No additional information available.

Skin corrosion/irritation

No additional information available.

Respiratory or skin sensitization

No additional information available.

Germ cell mutagenicity

No additional information available.

Carcinogenicity

No additional information available.

Reproductive toxicity

No additional information available.

Specific target organ toxicity – Single exposure

No additional information available.

Specific target organ toxicity - repeated exposure

No additional information available.

Aspiration Toxicity

No additional information available.

Additional Information

No additional information available.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

No additional information available.

12.2 Persistence and degradability

No additional information available.

12.3 Bioaccumulative potential

No additional information available.

12.4 Mobility in soil

No additional information available.

12.5 Results of PBT and vPvB assessment

No additional information available.

12.6. Endocrine disrupting properties

No additional information available.

12.7 Other adverse effects

No additional information available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal must be in accordance with official regulations. Dispose of contents/container in accordance with the separation instructions of the approved waste company.



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SECTION 14. TRANSPORT INFORMATION

14.1. UN number or ID number

ADR (Road)/RID (Rail) : Not applicable
 IMDG (Seaway) : Not applicable
 IATA (Airline) : Not applicable

14.2. UN proper shipping name

ADR (Road)/RID (Rail) : Not applicable
 IMDG (Seaway) : Not applicable
 IATA (Airline) : Not applicable

14.3. Transport hazard class(es)

ADR (Road)/RID (Rail) : Not applicable
 IMDG (Seaway) : Not applicable
 IATA (Airline) : Not applicable

14.4. Packing group

ADR (Road)/RID (Rail) : Not applicable
 IMDG (Seaway) : Not applicable
 IATA (Airline) : Not applicable

14.5. Environmental hazards

ADR (Road)/RID (Rail) : No
 IMDG (Seaway) : No
 IATA (Airline) : No

14.6. Special precautions for user

No additional information available.

14.7. Bulk transportation according to MARPOL 73/78 annex II and IBC code

No additional information available

SECTION 15. REGULATORY INFORMATION

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

- Regulation on Classification, Labeling and Packaging of Substances and Mixtures (SEA) published in the Official Gazette dated December 1, 2013, bis numbered 28848.

-Regulation on Registration, Evaluation, Authorization and Restriction of Chemicals (KKDIK) published in the Official Gazette dated June 23, 2017 and numbered 30105.

15.2. Chemical safety assessment

For this product a chemical safety assessment was not carried out.

SECTION 16. OTHER INFORMATION

Waiver Statement

The information presented in this safety data sheet is based on the information we already have. Although the information is reliable, it should not be considered accurate and complete. The prepared safety data sheet does not constitute a guarantee and should be used as a guide. This information has been prepared specifically for the substance or mixture in question, and may not be valid for compounds and processes made with other substances. and may vary depending on other raw materials; For this reason, the person or institution purchasing the products freely decides to use the product after evaluating its suitability for its own use, its impact on environmental conditions, its effects on occupational health and safety. Hammaler.com, Smart Kimya Tic. and Dan. Ltd. Şti., our representatives and solution partners cannot be held responsible for the use of this information.