

Safety Data Sheet

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

Revision Date: 15.08.2022 Version 2

TEKKİM

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

1.1 Product identifier

Catalog No. TK.200780.00000
Product Name Butyl Acetate
Cas no 123-86-4

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

1.2.1. Relevant identified uses

Industrial use. Scientific research and development. Use as laboratory reagent.

1.2.2. Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Name TEKKİM KİMYA SAN. TİC. LTD. ŞTİ.
Street ORGANİZE SAN. BÖL. MAVİ CAD. 8. SOK. NO :1 NİLÜFER / BURSA
Telephone 0224 243 21 71
E-mail erhan@tekkim.com.tr
Company Representative Erhan DİLER

1.4 Emergency Telephone Number +90 506 990 36 86

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Flammable liquids, Category 3
Specific Target Organ Toxicity – Single exposure, Category 3, Central nervous system

For the full text of the H and EUH statements referred to in this section, see section 16.

2.2 Label elements

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

Hazard pictograms



Signal word (SEA)

WARNING

Hazard Statements (SEA)

H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.

Precautionary Statements (SEA)

Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. -No smoking.
P233 Keep container tightly closed.
P240 Ground/connect container or receiving equipment.
P241 Use explosion-proof electrical/ventilation/igniter/.../ material.
P242 Use only non-flammable tools.
P243 Take precautionary measures against static discharge.

SECTION 3: Composition/information on ingredients


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

3.1 Maddeler

EC No 204-658-1



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ISO 9001:2015 and ISO 14001:2015

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Molar mass	116.16 g/mol
Cas No	123-86-4
Concentration	(<= 100 %)

SECTION 4: First aid measures

4.1 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

Wash with plenty of water. Take off contaminated clothing.

Following eye contact

Rinse immediately carefully and thoroughly with eye-bath or water..

Following ingestion

After swallowing: caution if victim vomits. Risk of aspiration! Keep airways free. Pulmonary failure possible after aspiration of vomit. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling

4.3 Indication of any immediate medical attention and special treatment needed

Laxative : Sodium sulfate (1 tablespoon 250 ml of water..)

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

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

Unsuitable extinguishing media

There is no restriction for this item.

5.2 Special hazards arising from the substance or mixture

Carbon oxides. Flammable. Heavy-than-air vapors may form on the floor surface. May form explosive mixture with air at intense temperatures. In case of fire, dangerous flammable gases or vapors may develop.

5.3 Advice for firefighters

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus..

5.4 Additional information

Stop and contain spill/release if it can be done safely. If this cannot be done, allow fire to burn under control.

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

Be careful not to mix into the sewer. Risk of explosion.

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



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Advices on safe handling

Observe label precautions. Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.

Advices on general occupational hygiene

Change contaminated clothing. Wash hands after working with substance. It is recommended to use a skin protection cream.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Keep container tightly closed in dry and well-ventilated places. Keep away from heat and anything that can cause ignition.

7.3 Specific end uses

There are no other specific uses other than those mentioned in section 1.2.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

More attention should be paid to technical measures against the use of personal protective equipment.

Personal protection equipment

Eye/face protection

Safety glasses

Hand protection

Hand protection

In contact with splash

Glove material : Nitrile rubber

Glove thickness: 0.4 mm

Absorption time: > 30 minutes

The gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resulting standard EN374.

Other skin protection

Flame retardant antistatic protective clothing.

Respiratory protection

Required when vapors are generated.


Recommended Filter type: Filter A (according to DIN 3181), for vapors of organic compounds.

SECTION 9: Physical and chemical Properties

9.1 Information on basic physical and chemical properties



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Physical state	Liquid
Colour	Transparent
Odour	Fruity
Odour threshold	7 - 20 mbp
pH value	6 - 6.5 5 g/l 20 °C
Melting point/freezing point	-77 °C
Freezing point	No information.
Initial boiling point and boiling range	126 °C 1.013 hPa
Flash point	27 °C 1.013 hPa
Evaporation rate	No information.
Flammability (solid, gas)	415 °C
Upper/lower flammability or explosive limits	1.4 %(V)
Upper/lower flammability or explosive limits	7.5 %(V)
Vapour pressure	15 hPa 20 °C
Vapour density	4.0
Density	0.88 g/cm ³ 20 °C
Relative density	No information.
Water solubility (g/l)	5.3 g/l 20 °C
Fat solubility (g/l)	No information.
Partition coefficient: n-octanol/water	log Pow: 2.3 (25 °C) OECD Test Guideline 107
Auto-ignition temperature	Bioaccumulation is not expected.
Decomposition temperature	370 °C
Viscosity	No information.
Kinematic viscosity	0.83 mm ² /s 20 °C
Dynamic viscosity	0.73 mPa.s 20 °C
Explosive properties	Not classified as explosive.
Oxidising properties	none

SECTION 10: Stability and Reactivity

10.1 Reactivity

Vapor/air mixtures are explosive if overheated.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

In case of warming.

10.5 Incompatible materials

Strong oxidizing agents, strong reducing agents, strong bases.

10.6 Hazardous decomposition products


No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects



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Acute oral toxicity

LD50 Rat: 10,760 mg/kg

OECD Test Guideline 423

Symptoms: Risk of aspiration with vomiting., Inhalation may cause pulmonary edema and pneumonitis.

Acute inhalation toxicity

LC50 Rat: > 21 mg/l; 4 hours; steam

OECD Test Guideline 403

Acute dermal toxicity

LD50 Rabbit: > 14.100 mg/kg

OECD Test Guideline 402

Skin irritation

Rabbit

Result: No skin irritation

OECD Test Guideline 404

Repeated exposure may cause skin dryness and cracking.

Specific Target Organ Toxicity - Single exposure

May cause drowsiness or dizziness. Target Organs: Central nervous system

Oral Acute toxicity - Risk of inhalation with vomiting. Inhalation may cause pulmonary edema and pneumonitis.

11.2 Additional information

Handle in accordance with good industrial hygiene and safety practice.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish

flow-through test LC50 Pimephales promelas (Carp juvenile): 18 mg/l; 96 h

Analytical observation: yes

OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates

static test EC50 Daphnia magna (Water flea): 44 mg/l; 48 hours

(ECHA)

Toxicity to algae (algae)

static test EC50 Desmodesmus subspicatus (green algae): 674.7 mg/l; 72 hours

(ECHA)

static test NOEC Desmodesmus subspicatus (green algae): 200 mg/l; 72 hours

(ECHA)

Toxicity to bacteria

EC50 Pseudomonas putida: 959 mg/l; 18 h

(IUCLID)

12.2 Persistence and degradability

Biodegradability

oxygenated (aerobic) - Exposure time 28 d

Result: 83% - Easily degradable.

(OECD Test Guideline 301D)

Theoretical oxygen demand

2.207 mg/g

12.3 Bioaccumulative potential


No information available.

12.4 Mobility in soil

No information available.



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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. Uncleaned Treat packages as if it were the product itself ... Waste materials must be disposed of in accordance with national and local regulations.

SECTION 14: Transport information

ADR	IMDG	IATA	ADN	RID
14.1 UN number UN 1123	UN 1123	UN 1123	UN 1123	UN 1123
14.2 UN proper shipping name BUTYL ACETATES	BUTYL ACETATES	BUTYL ACETATES	BUTYL ACETATES	BUTYL ACETATES

14.3 Transport hazard class(es)

3	3	3	3	3
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14.4 Packing group

III	III	III	III	III
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14.5 Environmental hazards

NO	NO	NO	NO	NO
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No information available. No information available. No information available. No information available. No information available.

14.6 Special Precautions for User:

No information available.

SECTION 15: Regulatory information

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

This product safety data sheet complies with the requirements of EU Regulation 1907/2006.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been conducted for this substance.

SECTION 16: Other informations

Full text of H statements

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.



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Person Who Prepared the Safety Data Sheet:

Name: Erhan DİLER
Certificate Number and Date: 11.29.03 & 11 Şubat 2020
Communication information: 05069903686



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