

# Safety Data Sheet

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



Revision date 24.10.2019

Print date 24.10.2019

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.200780  
Generic name n-BUTYL ACETATE  
REACH No.  
CAS No. 123-86-4

### 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]**

Flam. Liq. 3

Specific target organ toxicity (single exposure)  
STOT SE 3

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

# Safety Data Sheet

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

Article No (user) TK.200780  
Generic name n-BUTYL ACETATE

## 2.2 Label elements

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

*Hazard pictograms*



*Signal word*

*Hazard Statements*

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

*Precautionary Statements*

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Response

Storage

## 2.3 Other hazards

## SECTION 3: Composition/information on ingredients

### Substances

Formula C<sub>6</sub>H<sub>12</sub>O<sub>2</sub>

EC No. 204-658-1

Molar mass 116,16 g/mol

<u>Characteristic</u>	<u>CAS No</u>	<u>EC No</u>	<u>Concentration</u>	<u>Classification</u>
n-Butyl Acetate	123-86-4	204-658-1	>=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, rinse immediately thoroughly with plenty of edible oil and consult an ophthalmologist..
Following ingestion	Give sodium sulfate as laxative (1 tablespoon in 1 glas of water) with plenty of activated coal..

### Most important symptoms and effects, both acute and delayed

Inebriation. Anaesthetic state.

# Safety Data Sheet

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

Article No (user) TK.200780  
Generic name n-BUTYL ACETATE

---

## 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*

Water spray jet.

### 5.2 Special hazards arising from the substance or mixture

Flammable. Heavy vapors in the air at the ground surface may occur.. It can create explosive mixtures with air on intense heating. In case of fire hazardous combustion gases or vapors may occur..

### 5.3 Advice for firefighters

*Special protective equipment for firefighters*

Do not stay in dangerous zone without self-contained breathing apparatus. Keep a safe distance to cut off contact with skin and wear suitable protective clothing.

### 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 discharge into sewer. Ris 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

*Advices on safe handling*

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

*Measures to prevent fire*

*Advices on general occupational hygiene*

.

---

# Safety Data Sheet

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

Article No (user) TK.200780  
Generic name n-BUTYL ACETATE

## 7.2 Conditions for safe storage, including any incompatibilities

*Technical measures and storage conditions*

..

## 7.3 Specific end uses

.

## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

n-Butyl Acetate 150 mbp 710 mg/m3

### 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

Splash contact :  
Glove material : Nitrile rubber  
Glove thickness : 0,40 mm  
Break through time : >300 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 : A filter

#### Environmental exposure controls

## SECTION 9: Physical and chemical Properties

### Information on basic physical and chemical properties

Physical state	Liquid
Colour	transparent
Odour	
Odour threshold	7-20 mbp
pH value	No information 0 g/l
Melting point/freezing point	-77
Freezing point	No information
Initial boiling point and boiling range	127 C

# Safety Data Sheet

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

Article No (user) TK.200780  
Generic name n-BUTYL ACETATE

---

Flash point	27
Evaporation rate	No information
Flammability (solid, gas)	No information °C
Upper/lower flammability or explosive limits	1,4 %(V)
Upper/lower flammability or explosive limits	7,5 %(V)
Vapour pressure	No information
Vapour density	No information
Density	0,88 g/cm <sup>3</sup>
Relative density	No information
Water solubility (g/l)	5,3 g/l °C
Fat solubility (g/l)	No information °C
Partition coefficient: n-octanol/water	logPow: 2,3 Bioaccumulation is not expected
Auto-ignition temperature	No information
Decomposition temperature	No information

## Viscosity

Kinematic viscosity	No information
Dynamic viscosity	0,73 mPa.s
Explosive properties	Not classified as explosive
Oxidising properties	No information

---

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

Vapours may form explosive mixtures with air.

### 10.2 Chemical stability

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

### 10.3 Possibility of hazardous reactions

with explosive risk ; Strong oxidizing substances alkaline metals, alkaline hydroxides ,..... etc

### 10.4 Conditions to avoid

In case of warming:.

### 10.5 Incompatible materials

Rubber, various plastics.

### 10.6 Hazardous decomposition products

No known hazardous decomposition products..

---

## SECTION 11: Toxicological information

---

# Safety Data Sheet

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

Article No (user) TK.200780  
Generic name n-BUTYL ACETATE

---

## 11.1 Information on toxicological effects

Acute oral toxicity  
LD50 rat : 10.760 mg/kg

Acute dermal toxicity  
LD50 rabbit : 14100 mg/kg

Skin irritation  
No irritation

Eye irritation  
No 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

Self readily biodegradable

### 12.3 Bioaccumulative potential

Partition coefficient (n-octanol/water)  
logPOW: 2,3  
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

### Land transport (ADR/RID)

UN number	UN 1123
UN proper shipping name	BUTYL ACETATE
Transport hazard class(es)	3
Packing group	III
Environmental hazards	
Special precautions for	YES
Tunnel restriction code	D/E

# Safety Data Sheet

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

Article No (user) TK.200780  
Generic name n-BUTYL ACETATE

---

## Inland waterway transport (ADN)

Limited quantity (LQ)

Special Provisions

Category

## Air transport (ICAO-TI / IATA-DGR)

UN number UN 1123  
UN proper shipping name BUTYL ACETATE  
Transport hazard class(es) 3  
Packing group III  
Environmental hazards  
Special precautions for NO

## Sea transport (IMDG)

UN number UN 1123  
UN proper shipping name BUTYL ACETATE  
Transport hazard class(es) 3  
Packing group III  
Environmental hazards NO  
Special precautions for NO

---

## SECTION 15: Regulatory information

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

Storage class : 3B

Chemical Safety Assessment

.....

---

## SECTION 16: Other information

Relevant R-, H- and EUH-phrases (Number and full text)

H226 Flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Prepared the Document

Name Surname : Gökhan ÖZKAN  
Contact Info : 0553 209 14 18  
Email Address : gokhan@tekkim.com.tr  
Certificate Number: 01.52.05

---