

# 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.201771

Generic name BENZYL ALCOHOL

REACH No.

CAS No. 100-51-6

### 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 TEKK M K MYA SAN. T C. LTD. T

Street ORGAN ZE SAN. BÖL. MAV CAD. 8. SOK. NO : N LÜFER / 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

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

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

Article No (user)

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## 2.2 Label elements

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

*Hazard pictograms*



*Signal word*

Warning

*Hazard Statements*

H302+H332 Harmful if swallowed or if inhaled

*Precautionary Statements*

Prevention

P271 Use only outdoors or in a well-ventilated area.

Response

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Storage

## 2.3 Other hazards

## SECTION 3: Composition/information on ingredients

### Substances

Formula

C7H8O

EC No.

202-859-9

Molar mass

108,14 g/mol

Characteristic

CAS No

EC No

Concentration

Classification

Benzyl Alcohol

100-51-6

202-859-9

>=100 %

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

Please give up to two glasses of water. Get immediate medical attention..

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

Impaired consciousness. Vomiting. Headache. Nausea.

### Indication of any immediate medical attention and special treatment needed

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

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

*Suitable extinguishing media*

Water. Foam. Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>).

*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..

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## 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..

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## SECTION 7: Handling and Storage

### 7.1 Precautions for safe handling

*Advices on safe handling*

Observe label precautions.

*Measures to prevent fire*

*Advices on general occupational hygiene*

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### 7.2 Conditions for safe storage, including any incompatibilities

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Article No (user) TK.201771  
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*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 : butyl rubber

Glove thickness : 0,7 mm

Break through time : >480 minute

Splash contact :

Glove material : Viton (R)

Glove thickness : 0,7 mm

Break through time : >240 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

Recommened filter type : A filter

#### Environmental exposure controls

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## SECTION 9: Physical and chemical Properties

### Information on basic physical and chemical properties

Physical state	Liquid
Colour	colourless
Odour	characteristic
Odour threshold	No information
pH value	No information 0 g/l
Melting point/freezing point	-15,3
Freezing point	No information
Initial boiling point and boiling range	205

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Flash point	101
Evaporation rate	No information
Flammability (solid, gas)	No information °C
Upper/lower flammability or explosive limits	1,3 %(V)
Upper/lower flammability or explosive limits	13 %(V)
Vapour pressure	No information
Vapour density	3,72
Density	1,05 g/cm3
Relative density	No information
Water solubility (g/l)	40 g/l °C
Fat solubility (g/l)	No information °C
Partition coefficient: n-octanol/water	LogPow : 1,10 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 as explosive
Oxidising properties	No information

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## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

Vapours may form explosive mixtures with air.

### 10.2 Chemical stability

Sensitive to light. No exothermic decomposition at temperatures up to 300 °C..

### 10.3 Possibility of hazardous reactions

with exothermic reaction risk ; Oxidizing substances, sulphuric acid, iron, hydrogen bromide.... etc

### 10.4 Conditions to avoid

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### 10.5 Incompatible materials

Various plastics.

### 10.6 Hazardous decomposition products

No known hazardous decomposition products..

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

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Acute oral toxicity  
LD50 rat : 1230 mg/kg  
Symptoms ; nausea , vomiting,

Acute dermal toxicity  
LD50 rat : 2.000 mg/kg

Skin irritation  
no irritation

Eye irritation  
Slightly irritation

## 11.2 Additional information

Handle in accordance with good industrial hygiene and safety practice

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## 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: 1.10  
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

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## 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.

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## SECTION 14: Transport information

### Land transport (ADR/RID)

#### UN number

Not dangerous good

#### UN proper shipping name

#### Transport hazard class(es)

#### Packing group

#### Environmental hazards

#### Special precautions for

#### Tunnel restriction code

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## Inland waterway transport (ADN)

Limited quantity (LQ)

Special Provisions

Category

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

UN number

Not dangerous good

UN proper shipping name

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for

## Sea transport (IMDG)

UN number

Not dangerous good

UN proper shipping name

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for

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## SECTION 15: Regulatory information

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

Storage class : 10-13

**Chemical Safety Assessment**

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## SECTION 16: Other information

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

H302+H332 Harmful if swallowed or if inhaled

P271 Use only outdoors or in a well-ventilated area.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Prepared the Document

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