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



Revision Date: 17.08.2022 Version 2

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

#### 1.1 Product identifier

TK.201771.00000 Catalog No. **Product Name** Benzyl Alcohol Cas no 100-51-6

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

1.2.1. Relevant identified uses

Pharmaceutical production. Cosmetic raw material. Use as a laboratory reagent.

## 1.2.2. Uses advised against

No information available.

## 1.3. Details of the supplier of the safety data sheet

TEKKİM KİMYA SAN. TİC. LTD. ŞTİ. Name

ORGANIZE SAN. BÖL. MAVİ CAD. 8. SOK. NO :1 NİLÜFER / BURSA Street

0224 243 21 71 Telephone

E-mail erhan@tekkim.com.tr

Erhan DİLER Company Representative

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)

Acute toxicity, Oral, Category 4

Acute toxicity, By inhalation, Category 4

Eye irritation, Category 2

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)

H302 + H332 Harmful if swallowed or if inhaled.

H319 Causes serious eye irritation.

Precautionary Statements (SEA)

Prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

#### Intervention

P301+P312 IF SWALLOWED: Call 114 POISON CENTER or doctor/physician if you feel unwell.

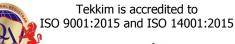
P304+P340 IF INHALED: Move victim to fresh air and keep in a position comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if fitted and easy to do. Continue rinsing.

#### **SECTION 3: Composition/information on ingredients**







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

3.1 Maddeler

EC No202-859-9Molar mass108.14 g/molCas No100-51-6100-51-6100-51-6

#### **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 to fresh air. Call a doctor. If breathing stops: apply mechanical

respiration immediately, with oxygen if necessary.

Following skin contact Wash with plenty of water. Take off contaminated clothing.

Following eye contact In case of contact with eyes, rinse eyelids with water for 10-15 minutes.

See a doctor immediately.

Following ingestion Give up to two glasses of water. Get medical help 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

No information available.

## **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. Forms explosive mixtures 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

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





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Clear spills immediately.

## **SECTION 7: Handling and Storage**

#### 7.1 Precautions for safe handling

Advices on safe handling

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

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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

Protect from light. Keep container tightly closed in dry and well-ventilated places.

#### 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 subtances 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 full contact

Glove material : butyl rubber Glove thickness: 0.70 mm Absorption time: > 480 minutes

In contact with splash Glove material: Viton Glove thickness: 0.70 mm Absorption time: > 120 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

Protective chlothing.

Respiratory protection

Required when vapors are generated.

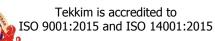
Recommended Filter type: Filter A (according to DIN 3181), for vapors of organic compounds.

## **SECTION 9: Physical and chemical Properties**

#### 9.1 Information on basic physical and chemical properties







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Melting point/freezing point

Freezing point

Initial boiling point and boiling range

No information.

No information.

No information.

205 °C 1.013 hPa

Flash point 101 °C

Evaporation rate No information. Flammability (solid, gas) No information. Upper/lower flammability or explosive limits 1,3 %(V)

Upper/lower flammability or explosive limits 13 %(V)
Vapour pressure No information.
Vapour density No information.
Density 1.05 g/cm3
Relative density No information.

Relative density

Water solubility (g/l)

Fat solubility (g/l)

No information.

No information.

No information.

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.

No information.

Explosive properties Not classified as explosive.

Oxidising properties No information.

## **SECTION 10: Stability and Reactivity**

## 10.1 Reactivity

Forms explosive mixtures with air at intense temperatures.

#### 10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

## 10.3 Possibility of hazardous reactions

It can give exothermic reaction with oxidizing agents, polymerization initiators, sulfuric acid, iron, hydrogen bromide, acids.

## 10.4 Conditions to avoid

Powerful heating.

#### 10.5 Incompatible materials

Various plastics.

## 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 Oral - Rat - male - 1,620 mg/kg (ECHA)

Acute respiratory toxicity LC50 Inhalation - Rat - male and female - 4 h - > 4,178 mg/l (OECD Test Guideline 403)

Serious eye damage/eye irritation Eyes - Rabbit Result: irritating (OECD Test Guideline 405)

#### 11.2 Additional information

Handle in accordance with good industrial hygiene and safety practice.

## **SECTION 12: Ecological information**

## 12.1 Toxicity

Toxicity to fish static test LC50 - Pimephales promelas (Carp calf) - 460 mg/l - 96 h (US-EPA)

Toxicity to daphnia and other aquatic invertebrates Immobilization EC50 - Daphnia magna (Water flea) - 230 mg/l - 48 h (OECD Test Guideline 202)

Toxicity to algae (algae) static test ErC50 - Pseudokirchneriella subcapitata (green algae) - 700 mg/l - 72 h (OECD Test Guideline 201)

#### 12.2 Persistence and degradability

Biodegradability oxygenated (aerobic) - Exposure time 21 d Result: 95 - 97 % - Easily degradable. (OECD Test Guideline 301 A)

Theoretical oxygen demand 2,515 mg/g IUCLID)

#### 12.3 Bioaccumulative potential

No information available.

## 12.4 Mobility in soil

No information available.

#### 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.

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## **SECTION 14: Transport information**

ADR	IMDG	IATA	ADN	RID
14.1 UN number				
		UN 3334		





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14.2 UN proper shipping name

It is not classified as dangerous goods.

It is not classified as dangerous goods.

It is not classified as dangerous dangerous goods.

Aviation regulated liquid, n.o.s.
It is not classified as dangerous It is not classified as dangerous goods.

Genzyl alcohol)

It is not classified as dangerous It is not classified as dangerous goods.

14.3 Transport hazard class(es)

\_\_ 9 \_\_ \_\_



14.4 Packing group

14.5 Environmental hazards

NO NO NO NO NO

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

H302 + H332 Harmful if swallowed or if inhaled.

H319 Causes serious eye irritation.

Person Who Prepared the Safety Data Sheet:

Name:
Certificate Number and Date:
Erhan DİLER

Semmunication information: 11.29.03 & 11 Şubat 2020

Communication information: 05069903686





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