

# DMSO STORE™

## Safety Data Sheet

Version 5.50

Issue date: 1-18-2023

### 1. IDENTIFICATION

#### Product Identifier

Product name Benzyl Alcohol USP Grade

Product code

#### Recommended use of chemical and restrictions on use:

Recommended use None Advised

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

Supplier address DMSO Store Inc.  
3580 SW 30<sup>th</sup> Ave  
Fort Lauderdale FL  
33312

#### Emergency telephone number

Company number 954-616-5699

Emergency telephone (24 hr.) 772-834-3947

### 2. HAZARDS IDENTIFICATION

#### Classification

Product definition

Substance

Classification of Substance

29 CFR 1910 (OSHA HCS)  
Acute toxicity, Oral- Category 4 [H302]  
Eye irritation, Category 2A [H319]  
Acute toxicity, inhalation- Category 4  
[H332]

**Hazard pictograms**



**Signal word**  
**Hazard Statements**

Warning  
H302- Harmful if swallowed  
H319- Causes serious eye Irritation  
H322- Harmful if inhaled

**Precautionary statements**

**Prevention**

- |       |  |
|-------|--|
| -P261 | Avoid breathing mist, vapor, or spray.                           |
| -P264 | Wash skin thoroughly after handling                              |
| -P270 | Do not eat, drink, or smoke when using this product.             |
| -P271 | Only use in well-ventilated area                                 |
| -P280 | Wear protective gloves, protective clothing, and eye protection. |

**Response**

- |                 |  |
|-----------------|--|
| -P301+P330+P312 | IF SWALLOWED: Rinse mouth. Call Poison control if you feel unwell.   |
| P304+P340+P312  | IF INHALED: Remove the victim to fresh air and keep in a comfortable position for breathing. Call poison control if you feel unwell. |
| -P305+P352+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do so. Continue rinsing. |
| -P337+ P313     | If eye irritation persists: Get medical attention.   |

**Other hazards that do not require classification**

None

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Benzyl Alcohol

CAS No. 100-51-6

% wt. 100

Mixture

Not applicable

#### 4. FIRST AID MEASURES

<b><u>Eye Contact</u></b>	Do not rub eyes. Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, get medical attention.
<b><u>Skin Contact</u></b>	If skin irritation does occur, wash with soap and flush with plenty of water. Remove contaminated clothes and shoes.
<b><u>Inhalation</u></b>	May cause respiratory irritation, if this occurs, remove to fresh air.
<b><u>Ingestion</u></b>	If swallowed rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Do not leave the victim unattended. If the victim becomes unconscious, Get medical attention immediately.

#### 5. FIRE FIGHTING MEASURES

<b><u>Suitable Extinguishing Media</u></b>	Use extinguishing media suitable for the surrounding fire, such as dry chemical, carbon dioxide, or alcohol-resistant foam.
<b><u>Unsuitable Extinguishing media</u></b>	Water jets or streams may spread the fire.
<b><u>Specific hazards arising from the chemical</u></b>	The product is combustible at high temperatures. Closed containers may rupture under pressure if exposed to high heat.
<b><u>Products of combustion</u></b>	None.
<b><u>Protective Equipment and precautions for firefighters</u></b>	As in any fire, wear SCBA and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

##### **Personal precautions, protective equipment, and emergency procedures.**

Personal precautions	Use personal protection recommended in Section 8. Ventilate area. NO SMOKING. Clean up spills immediately as spills can create a slip hazard.
Environmental precautions	Prevent entry into waterways, sewers, or soil.

##### **Methods and materials for containment and cleaning up**

Methods for containment	Prevent further leakage or spillage if safe to do so. Do not allow runoff. Do not flush spills down the drain.
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Methods for clean-up

Cover spill with absorbent, do not use combustible material when absorbing.

Contain spill. Carefully collect material and place it in proper container for disposal. Clean the area with soap and water.

## 7. HANDLING AND STORAGE

### Advise on safe handling

Handle in accordance with good industrial hygiene and safety practices. Use personal protection recommended in section 8. NO SMOKING. Practice good ventilation when handling this material.

### Incompatible Materials

Moisture, strong oxidizers, sulfuric acid, strong acids, direct light exposure.

### Storage

Store in a well-ventilated place. Keep cool. Store away from incompatible materials. Keep the container tightly closed to prevent moisture absorption.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### Appropriate engineering controls

Engineering controls

Ensure adequate ventilation, especially in confined areas. Eyewash stations

### Individual protections measure, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields

Skin and body protection

Wear protective clothing and gloves when handling material. Gloves should be made of material that is impermeable to chemicals and oil.

Respiratory Protection

Work in well ventilated area. Wear an approved respirator if vapors are above permissible exposure limits.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Clear colorless liquid
Color	Colorless
Property values pH	3.5
Melting Point/ Freezing point	-15.4 ° C
Flash Point	101 ° C
Upper Flammability limits	1.3%
Lower Flammability limits	13%
Vapor Pressure	0.13 hPa at 20° C
Boiling Point Range	205° C
Relative Density	3.72 [Air=1]
Water Solubility	39 g/l
Odor	Characteristic

## 10. STABILITY AND REACTIVITY

<b><u>Reactivity</u></b>	Not reactive under normal conditions
<b><u>Chemical Stability</u></b>	Stable under recommended storage conditions
<b><u>Hazardous Reactions</u></b>	May react violently with incompatible materials.
<b><u>Conditions to Avoid</u></b>	Extreme heat, Incompatible materials, moisture
<b><u>Incompatible materials</u></b>	Moisture, strong oxidizers, sulfuric acid, strong acids, direct light exposure.
<b><u>Hazardous Decomposition Products</u></b>	Thermal Oxides of Carbon

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Eye Contact	May cause eye irritation. Signs and symptoms may include redness, swelling, tearing, and blurry vision.
Skin Contact	May cause skin irritation. Signs and symptoms may include localized redness, swelling, and itching.
Inhalation	May cause respiratory irritation in high air concentrations.
Ingestion	May cause gastrointestinal irritation. Symptoms may include stomach upset, nausea, vomiting and diarrhea.

### Component information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzyl Alcohol	1,230 mg/kg rat	>2,000 mg/kg rat	>5,000 mg/m rat

### Information on physical, chemical, and toxicological effects

Symptoms	Please see section 4 of this SDS for symptoms
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### Delayed and immediate effects as well as chronic effects from short- and long-term exposures

Carcinogenicity	This product does not contain any carcinogenic or potential carcinogens as listed by OSHA, IARC
Mutagenicity	No genotoxic activity was observed.

## 12. ECOLOGICAL INFORMATION

### Component Information

<u>Chemical name</u>	<u>Algae/Aquatic Plants</u>	<u>Fish</u>	<u>Aquatic invertebrates</u>
Benzyl Alcohol	ErC <sub>50</sub> -Pseudoirchneriella subcapitata (Green algae) 72h: 700 mg/l	LC <sub>50</sub> -Pimephales promelas (Fathead minnow) 96 h: 460 mg/l	LC <sub>50</sub> -Daphnia magna (water flea) 48h: 230 mg/l

<b><u>Persistence/ Degradability</u></b>	This substance biodegradable
<b><u>Bioaccumulation</u></b>	This product has a low potential for bioaccumulation.
<b><u>Mobility</u></b>	Not Determined
<b><u>Other adverse Effects</u></b>	Not Determined

### 13. DISPOSAL CONSIDERATIONS

**Disposal Instructions**

Disposal should be in accordance with applicable regional, national and local laws and regulations

### 14. TRANSPORTATION INFORMATION

DOT

Not regulated

IATA

Aviation regulated liquid, n.o.s. (Benzyl Alcohol)  
Hazard class 9  
UN/NA: UN3334  
Packing group III  
Quantity limitations: 49 CFR 175.27 and 175.75- Cargo aircraft only

IMDG

Not regulated

ADR

Not regulated

### 15. REGULATORY INFORMATION

**Chemical Inventories**

**TSCA**

All Ingredients are listed in compliance with the chemical notification requirements of TSCA.

**US Federal Regulations**

**This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200**

**SARA 313**

Not Listed

**CWA (Clean Water Act)**

This product does not contain any substance regulated as a pollutant pursuant to the Clean Water Act (40 CFR 122.21 and (40 CFR 122.42). US State Regulations Not determined.

**California Proposition 65**

This product does not contain any chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

**Massachusetts**

US Massachusetts Right to Know law, no components are listed.

**New Jersey**

US New Jersey Right to Know Act.

Component: Benzyl Alcohol (CAS #100-51-6)

**Pennsylvania**

US Pennsylvania Worker and Community Right to Know Law,

Component: Benzyl Alcohol (CAS #100-51-6)

**16. OTHER INFORMATION**

**NFPA**

Health Hazards	Flammability	Instability	Special Hazards
2	1	0	None determined

**HMIS**

Health Hazards	Flammability	Physical Hazards	Personal Protection
2	1	0	C= Safety glasses, Gloves and apron

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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designated only as a guidance for safe handling, use, processing, storage, transportation, and disposal. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for their own particular use.

End of Safety Data Report