

SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

THIS PRODUCT IS FOR EXTERNAL USE ONLY- DO NOT INGEST

1 IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Commercial Name: BENZYL ALCOHOL
INCI Name: BENZYL ALCOHOL
CAS No: 100-51-6
EINECS No: 202-859-9
REACH Reg No: 01-2119492630-38-xxxx

EU INDEX No: 603-057-00-5
Chemical Formula: C₇H₈O
Synonyms: Benzenemethanol, Phenylmethanol

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

Identified use (s): Multifunctional additive, preservative, Ecocert & Cosmos approved for manufacturing purposes.

1.3 Details of the supplier of the safety data sheet

Company Name: SOAPMAKERS STORE
Contact: JOHN BLACK
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Telephone : ☎ + 44 (0) 1908 334108
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Email : ✉ sales@soapmakers-store.com
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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification according to Regulation (EC) No. 1272/2008 (CLP)
According to the current IFRA/ IOFI 2022 Labelling Manual and Regulation (EC) No. 1272/2008 (CLP)

Hazard Class	Abbreviation	Hazard Category	Hazard Code	Hazard Statement
Acute Toxic Oral	ATO	4	H302	Harmful if swallowed
Acute Toxic Inhalation	ATI	4	H332	Harmful if inhaled

2.2 Label elements

Symbols:



Signal word: WARNING

UN Global Harmonised System Precautionary Statements (CLP)

	Prevention Statements
P280	Wear protective gloves/clothing, eye/face protection
P264	Wash hands thoroughly after handling
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment



	Response Statements
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P321/363	Protective clothing should be washed before reuse
P331	Do NOT induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse.
P353	Rinse skin with water/shower.
P305	IF IN EYES: Rinse cautiously with water for several minutes.
P351/338	Remove contact lenses if present and easy to do. Continue rinsing.
P337/313	If eye irritation persists: get medical advice/attention
P370/378	In case of fire: Use carbon dioxide, foam or dry powder for extinction.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P391	Collect spillage

	Storage and Disposal Statements
P403	Store in a well ventilated place.
P235	Keep cool
P501	Dispose of contents and container in accordance with international regulation

3. COMPOSITION/INFORMATION ON CONSTITUENTS**3.1 Nature Of Product:** BENZYL ALCOHOL

Benzyl Alcohol is an aromatic alcohol that conforms to the formula C₇H₈O

3.2 Constituents

These indicative levels should be taken into account when determining the compliance of the ingredient under its condition of use. (In accordance with Regulation (EC) No 1272/2008 if applicable.

These indicative maximum levels should be taken into account when determining the compliance of the ingredient under its condition of use. (IFRA/IOFI Standards)

CONSTITUENT	CAS NUMBER	%	RELEVANT GHS
Benzyl alcohol	100-51-6	> 99.8	Eye Irrit. 2A;H319 Acute Tox. 5 (Dermal);H313 Acute Tox. 4 (Oral);H302
Benzaldehyde	100-52-7	< 0.04	STOT SE 3;H335 Skin Irrit. 3;H316 Flam. Liq. 4;H227 Eye Irrit. 2A;H319 Aquatic Acute 2;H401 Acute Tox. 5 (Dermal);H313 Acute Tox. 4 (Oral);H302 Acute Tox. 4 (Inhalation:dust,mist);H332

Allergen Constituents Information (7th Amendment Cosmetic Directive 76/768/EEC): see Fragrance Allergen Certificate.

Batch analysis may show levels different to those indicated above, where this is available, batch specific analyzed levels can then be used instead of the indicative levels.

4. FIRST AID MEASURES**4.1 Description of first aid measures**

Ingestion: Do not induce vomiting, give a glass of water. Seek urgent medical attention and show this information.

Inhalation: Remove casualty to fresh air, keep respiratory passages clear and seek urgent medical attention.

Eye contact: Irrigate with sterile water or saline for at least 15 minutes. Seek urgent medical attention if irritation persists or tissue damage is apparent.

Skin contact: Remove contaminated clothing wash thoroughly with soap and water and rinse. If causes irritation after prolonged contact, if so seek medical advice.

5. FIRE-FIGHTING MEASURES

- 5.1 Extinguisher** Use CO₂, Foam or Powder extinguishers only.
DO NOT USE WATER JETS.
- 5.2 Special hazards** Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO₂ (carbon dioxide).

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Safety Precautions** Avoid contact with skin and eyes. Wear precautionary safety gloves and glasses.
(Consult sections 7 & 8 for additional information)
- 6.2 Environmental Safety Precautions** Eliminate all sources of ignition.
Prevent any material entering drains or waterways
- 6.2 Methods and materials for containment and clean up** Absorb spills into an inert absorbent material (e.g. proprietary oil drying granules or sand NOT sawdust or other flammable materials.)
Wash area clean with water and detergent.
Transfer all waste to an approved waste disposal container, observing national legislation.

7. HANDLING AND STORAGE

- 7.1 Handling Precautions** Use in a well ventilated area. Prevent creation of dust cloud, use protective dust mask. Observe good housekeeping procedures when handling the product.
Do not eat, drink or smoke. Use Local Exhaust Ventilation (LEV) to minimise worker exposure. Use protective clothing when necessary.
- 7.2 Storage Precautions** Product is stable at room temperature.
Keep away from sources of ignition.
Store in tightly sealed containers, in a cool dry place away from direct sunlight.
Prevent access by unauthorised personnel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredient comments: No exposure limits known

- 8.1.1 DNEL/DMEL**
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|-----------------|---|
| Acute effects - | Inhalation Systemic 110 mg/m ³ Workers |
| | Dermal Systemic 40 mg/kg bw/day Workers |
| Chronic effects | Inhalation Systemic 27 mg/m ³ Consumers |
| | Dermal Systemic 20 mg/kg bw/day Consumers |
| | Oral Systemic 20 mg/kg bw/day consumers |
| | Inhalation Systemic 22 mg/m ³ Workers |
| | Dermal Systemic 8 mg/kg bw/day Workers |
| | Inhalation Systemic 5.4 mg/m ³ Consumers |
| | Dermal Systemic 4 mg/kg bw/day Consumers |
| | Oral Systemic 4 mg/kg bw/day Consumers |

8.1.2 PNEC

Substance name: Benzyl alcohol, freshwater 1 mg/l, Freshwater - intermittent 2.31 mg/l
marine water 0.01 mg/l, sewage treatment plant (STP) 39 mg/l, freshwater, sediment 5.27 mg/kg
marine water, sediment 0.527 mg/kg (d.w.), soil 0.456 mg/kg (d.w.)

8.2 Exposure controls

- Respiratory Protection:** Ensure adequate ventilation.
If ventilation is insufficient use approved respirators.
- Skin/Hand Protection:** Wear personal protective equipment. Use chemical resistant safety gloves.
Polyvinyl alcohol or nitrile rubber gloves are recommended.
- Eye/Face Protection:** Wear safety glasses/visors. Ensure eye washes are available.



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Clear colourless
Odour:	Faint characteristic odour
Odour threshold:	No information available
pH:	No information available
Melting point:	-15.4°C
Initial boiling point and range:	203 - 205 °C
Flash point:	100.4 °C - DIN 51758
Evaporation rate:	No information available
Evaporation factor:	No information available
Flammability (solid, gas):	Not flammable
Upper flammability or explosive limits:	No information available
Lower flammability or explosive limits:	No information available
Other flammability:	No information available
Vapour pressure:	0.07 hPa
Vapour density:	No information available
Specific gravity @ 25°C:	1.045 g/mL at 25 °C
Bulk density:	No information available
Solubility(ies):	Approx. 40 g/l (OECD 105 method) in water
Partition coefficient:	No information available
Auto-ignition temperature:	No information available
Decomposition Temperature:	No information available
Viscosity:	No information available
Explosive properties:	No information available
Explosive under influence of a flame:	No information available
Oxidising properties:	No information available

9.2. Other information

Dissociation constant: 15.4 at 25 °C

10. STABILITY AND REACTIVITY

- 10.1. Reactivity** There are no known reactivity hazards associated with this product.
- 10.2. Chemical stability** Stable at normal ambient temperatures and when used as recommended.
- 10.3. Possibility of hazardous reactions** Will not polymerise.
- 10.4. Conditions to avoid** Keep away from any source of ignition, do not allow to freeze
- 10.5. Incompatible materials** Avoid strong oxidisers, acids and alkalis.
- 10.6. Hazardous decomposition products** Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Acute toxicity - Oral	LD50 Oral - Rat - male - 1,620 mg/kg
Acute toxicity - Dermal	No data available
Acute toxicity - Inhalation	LC50 Inhalation - Rat - male and female - 4 h - > 4.178 mg/l - aerosol

This product is NOT intended for oral use.

LD50 dosage levels are only a guideline obtained from historical data, Soapmakers Store does not test its products on animals.

Skin corrosion/irritation:	No irritation expected
Serious eye damage/irritation:	May cause eye irritation
Respiratory sensitisation:	No information available
Skin sensitisation:	No irritation expected
Germ cell mutagenicity:	No information available
Carcinogenicity:	No information available

11.2 Information on other hazards

Endocrine disrupting properties :	No information available
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12. ECOLOGICAL INFORMATION

12.1 Toxicity

- a) Aquatic acute toxicity : Toxicity to fish : static test LC50 - Pimephales promelas (fathead minnow) - 460 mg/l - 96 h
- b) Aquatic acute toxicity : Aquatic invertebrates: Immobilization EC50 - Daphnia magna (Water flea) - 230 mg/l - 48h

<u>12.2 Persistence and degradability</u>	Readily biodegradable
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<u>12.3 Bioaccumulative potential</u>	Bioaccumulation is unlikely
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<u>1.4 Mobility in soil</u>	No information available
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<u>12.5 Results of PBT and vPvB assessment</u>	This substance contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
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<u>12.6 Endocrine disrupting properties</u>	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not pour into drains or waterways.
Care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures

Comply with local and national regulations for waste disposal.
Empty containers should be washed thoroughly with detergent before being sent for disposal.
Washings should be disposed of as waste.

14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

UN Shipping Name (N.O.S.): NON HAZARDOUS SUBSTANCE, LIQUID
ADR/RID (Road/Rail): Not restricted
IMDG-CODE (Sea): Not listed
ICAO/IATA (Air): Not regulated
UN Number:
Packing Group:
Subsidiary Risk:
Packing Instructions: Non-hazardous substance, transport in suitable container..

Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

UN Shipping Name: NON HAZARDOUS SUBSTANCE

15. REGULATORY INFORMATION

Product Classification: BENZYL ALCOHOL

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

Classification:



WARNING

ATO 4 Harmful if swallowed
ATI 4 Harmful if inhaled

Safety Precautions:

Do not eat, drink or smoke when using this product.
Wear protective gloves and wash hands thoroughly after handling.
Keep container tightly closed.
Avoid release to the environment.

16. ADDITIONAL INFORMATION

Legal disclaimer:

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive.

Soapmakers Store is a Division of Aroma Trading Ltd, Registered No. 2698381, V.A.T. Registration No. 600 516 981 and as such, shall not be held liable for any damage resulting from handling or from contact with the product, since the conditions of use are out of our control. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.