	MATERIAL SAFETY DATA SHEET	MSDS No.	BAL-01
	Benzyl Alcohol	Effective From	21.05.2017

Section 1 - Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name	Benzyl Alcohol
Synonyms	Phenylmethanol, benzenemethanol; hydroxytoluene
Registration number REACH	01-2119492630-38-XXXX
CAS No.	100-51-6
EC Number	202-859-9
Molecular formula	C ₆ H ₅ CH ₂ OH
Molecular Mass	108.14g/mol

1.2 Relevant identified uses of the substance and uses advised against.

1.2.1 Relevant identified uses

Solvent
 Preservative
 Intermediate: pharmaceutical aid, perfumery and flavouring
 Laboratory Chemical
 Paints, coatings, inks: component
 Personal care products: Fragrance component
 Flow Improver or Viscosity Diluent
 Photosensitive agent and other photo-chemicals

1.2.2 Uses advised against

No use advised against


1.3 Manufacturer / Supplier Contact Information:

Name	Bloomchemag Private Limited
Address	Unit 108, Tower 1, Assotech Business Cresterra (ABC) Sector 135, Noida - 201301 India
Telephone	Phone: +91 120 4659134
Email	sales@bloomchemag.com, Logistics@bloomchemag.com

Belgium Office Address –

Name	Bloomchemag BV
Address	Sint-Antoniusstraat 16 b1 B-2400, Mol, Belgium
Email	info@bloomchemag.com

REACH Registration Number	01-2119492630-38-XXXX
----------------------------------	------------------------------

	MATERIAL SAFETY DATA SHEET	MSDS No.	BAL-01
	Benzyl Alcohol	Effective From	21.05.2017

Only Representative	Prakash Chemicals Europe B.V for Indian based manufacturer
Tonnage Band	Over 1000 tonnes/year
Submission Number	XV439162-04
Submission Date	03/10/2013

SECTION 2 - HAZARD IDENTIFICATION

- Classification of the substance or mixture

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

Classification acc. to GHS			
Section	Hazard class	Hazard class and category	Hazard Statement
3.10	Acute toxicity (oral)	(Acute Tox. 4)	H302
3.11	Acute toxicity (inhal.)	(Acute Tox. 4)	H332

- Label elements

Labeling according to Regulation (EC) No 1272/2008 (CLP)

Signalword Warning

Pictograms



Hazard statements

H302+H332 Harmful if swallowed or if inhaled

Precautionary statements

Precautionary statements - prevention

P261 Avoid breathing mist/vapors/spray


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

Precautionary statements - response

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

- Other hazards

There is no additional information

	MATERIAL SAFETY DATA SHEET	MSDS No.	BAL-01
	Benzyl Alcohol	Effective From	21.05.2017

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	Chemical Name	Percent	EINECS/ELINCS
100-51-6	Benzyl Alcohol	99.95 %	202-859-9

Hazard Symbols: XN

Risk Phrases: 20/22

SECTION 4 - FIRST AID MEASURES

Eyes:

- Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
- Get medical aid.

Skin:

- Get medical aid.
- Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:

- Get medical aid.
- Wash mouth out with water.

Inhalation:

- Remove from exposure and move to fresh air immediately.
- If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
- Get medical aid.

Notes to Physician:

- Blood benzyl alcohol and benzoic acid, and urine hippuric acid may be helpful in diagnosis.
- Monitor for metabolic acidosis, central nervous system depression, and hypotension.

SECTION 5 - FIRE FIGHTING MEASURES

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Will burn if involved in a fire.

Extinguishing Media:


Use water spray, dry chemical, carbon dioxide, or chemical foam.

Flash Point: 93 deg C (199.40 deg F)

Autoignition Temperature: 435 deg C (815.00 deg F)

Explosion Limits, Lower:1.3 Vol % **Upper:** 13 Vol %

NFPA Rating: (estimated) Health: 2; Flammability: 1; Instability: 0

	MATERIAL SAFETY DATA SHEET	MSDS No.	BAL-01
	Benzyl Alcohol	Effective From	21.05.2017

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

SECTION 7 - HANDLING & STORAGE

Handling:

- Keep away from heat.
- Keep away from sources of ignition.
- Ground all equipment containing material.
- Do not ingest.
- Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment.
- If ingested, seek medical advice immediately and show the container or the label.
- Avoid contact with skin and eyes.
- Keep away from incompatibles such as oxidizing agents, acids.

Storage:

- Keep container in a cool, well-ventilated area.
- Keep container tightly closed and sealed until ready for use.
- Avoid all possible sources of ignition (spark or flame).
- Sensitive to light.
- Store in light-resistant containers.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Benzyl alcohol	none listed	none listed	none listed


OSHA Vacated PELs:

Benzyl alcohol: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes:

Not available.

	MATERIAL SAFETY DATA SHEET	MSDS No.	BAL-01
	Benzyl Alcohol	Effective From	21.05.2017

Skin:

Wear appropriate gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to minimize contact with skin.

Respirators:

Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149.

Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Clear liquid
Appearance.	Colorless to pale yellow
Odor	aromatic odor - faint odor
pH	Not available
Vapor Pressure	0.13 mbar @ 20 deg C
Vapor Density	3.72
Evaporation Rate	Not available
Viscosity	6.6 mPa.s @ 20 deg C
Boiling Point	205 deg C
Freezing/Melting Point	-15 deg C
Decomposition Temperature	Not available
Solubility	40 g/l (20°C)
Specific Gravity/Density	1.044
Molecular Formula	C7H8O
Molecular Weight	108.14

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:

Slowly oxidized by atmospheric oxygen.

Conditions to Avoid:

Incompatible materials, light, exposure to air, exposure to moist air or water, heat.


Incompatibilities with Other Materials:

Strong oxidizing agents, acids, aluminum, coatings, iron, plastics, sulfuric acid, nonmetal halides (e.g. diselenium dichloride, disulfur dichloride, phosphorus trichloride).

Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide.

Hazardous Polymerization: May occur.

	MATERIAL SAFETY DATA SHEET	MSDS No.	BAL-01
	Benzyl Alcohol	Effective From	21.05.2017

SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS#:

CAS# 100-51-6: DN3150000

LD50/LC50:

CAS# 100-51-6

Draize test, rabbit, skin: 100 mg/24H Moderate

Inhalation, mouse: LC50 =>500 mg/m³

Inhalation, rat: LC50 =>500 mg/m³;

Oral, mouse: LD50 = 1360 mg/kg;

Oral, mouse: LD50 = 1360 mg/kg;

Oral, rabbit: LD50 = 1040 mg/kg;

Oral, rabbit: LD50 = 1040 mg/kg;

Oral, rat: LD50 = 1230 mg/kg;

Oral, rat: LD50 = 1660 mg/kg;

Skin, rabbit: LD50 = 2000 mg/kg;

Skin, rat: LD50 = 100 ppb/90M; <BR.

Carcinogenicity: CAS# 100-51-6: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology: No data available.

Teratogenicity: No data available.

Reproductive Effects: No data available.

Neurotoxicity: No data available.

Mutagenicity: No data available.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No data available. Log Pow: 1.1 BOD5: 70%

Environmental: No information available.

Physical: No information available.

Other: Biodegradable

SECTION 13 - DISPOSAL CONSIDERATIONS


Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. USEPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

SECTION 14 - TRANSPORT INFORMATION

Not regulated as a hazardous material this substance is not subject to IMO IMDG code.

 Bloomchemag Private Limited	MATERIAL SAFETY DATA SHEET	MSDS No.	BAL-01
	Benzyl Alcohol	Effective From	21.05.2017

SECTION 15 - REGULATORY INFORMATION

US FEDERAL

TSCA CAS# 100-51-6 is listed on the TSCA inventory.

Health & Safety Reporting List None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules None of the chemicals in this product are under a Chemical Test Rule.

Section 12b None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule None of the chemicals in this material have a SNUR under TSCA.

SARA CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

SARA Codes

CAS # 100-51-6: acute, flammable.

Section 313

No chemicals are reportable under Section 313.

Clean Air Act: This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

Clean Water Act: None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.

STATE CAS# 100-51-6 can be found on the following state right to know lists: Pennsylvania, Minnesota, and Massachusetts. California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations European Labeling in Accordance with EC Directives Hazard Symbols: XN Risk Phrases: R 20/22 Harmful by inhalation and if swallowed.

Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.


WGK (Water Danger/Protection)

CAS# 100-51-6: 1

Canada - DSL/NDSL

CAS# 100-51-6 is listed on Canada's DSL List.

Canada - WHMIS

 Bloomchemag Private Limited	MATERIAL SAFETY DATA SHEET	MSDS No.	BAL-01
	Benzyl Alcohol	Effective From	21.05.2017

This product does not have a WHMIS classification.

Canadian Ingredient Disclosure List

CAS# 100-51-6 is listed on the Canadian Ingredient Disclosure List.

Exposure Limits CAS# 100-51-6: OEL-RUSSIA: STEL 5 mg/m³; Skin

Company's Declaration: Information contained in this MSDS is believed to be correct but no representation; guarantee or warranties of any kind are made as to its accuracy, suitability for particular application or results to be obtained from them. This MSDS shall be used as a guide only. Bloomchemag Pvt Ltd makes no warranties expressed or implied of the adequacy of this document for any particular purpose.