BENZYL ALCOHOL AR/ACS

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□□ (EU) 2020/878□ □□ □□□ REACH □□ (EC) 1907/2006□ □□
SDS Reference Number: 00046
□□ □□□□: 4/9/2015 □□ □□□□: 7/10/2026 □□ □□: 7/12/2021 □□: 1.1

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1.1. □□□□

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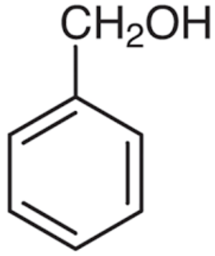
□□□	:	BENZYL ALCOHOL AR/ACS
IUPAC □□	:	Phenyl methanol
EC □□ □□	:	603-057-00-5
EC □□	:	202-859-9
CAS □□	:	100-51-6
□□ □□	:	00046
□□ □□	:	Aromatic alcohol
□□□	:	C7H8O
□□ □□	:	
□□□	:	Benzenemethanol, Phenyl carbinol, α-Cresol, α-Toluenol, α-Hydroxytoluene, alpha-Hydroxyphenylmethane, Benzyl hydroxide

1.2. □□□□ □□ □□□□ □□ □□ □□ □□

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□□/□□□ □□ □□	:	Industrial For professional use only
□□□□/□□□□ □□	:	Laboratory chemicals □□□ □□ □□

1.3. □□□□□□□□ □□□ □□

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107 Wode House Road, Jehangir Villa, Colaba
400005 Mumbai
INDIA
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info@lobachemie.com, www.lobachemie.com

1.4. □□□□□□

□□ □□ □□	:	+ 91 22 6663 6663 (9:00am - 6:00 pm)

□□ 2: □□□·□□□

2.1. □□□·□□□ □□

Regulation (EC) No.1272/2008 [CLP]□ □□ □□

□□ □□ (□□), □□ 4	H302
□□ □ □□□/□ □□□, □□ 2	H319
□□ □□□, □□ 1B	H317

H-□□ □ EUH-□□ □□: □□ 16 □□

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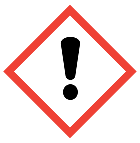
2.2. □□□□□□□□ □□□ □□□□□ □□

□□ (EC) No. 1272/2008□ □□ □□ □□[CLP]

□□ □□ □□□□(CLP) :



GHS07

□□□ (CLP) : □□

□□·□□ □□ (CLP) : H302 - □□□ □□□.
H317 - □□□□□□ □□ □□□ □□□ □ □□.
H319 - □□ □□ □□□ □□□.

□□ □□ □□(CLP) : P261 - □□, □, □□, □□□, □□□□□, □□ □ □□□ □□□□.
P264 - □□ □□□ □, □□ □ □□ □(□) □□□ □□□□.
P280 - □□□□□, respiratory protection, □□□, □□□, □□□□□□ □(□) □□□□□□.
P301+P312 - □□ □□: □□□□ □□□ □□ □(□) □□□□.
P302+P352 - □□□ □□□ □□□ □ □ □□□□.
P305+P351+P338 - □□ □□□□: □ □□ □□ □□□□□ □□□□. □□□□ □□□ □□□ □□□□□□. □□ □ □□□.

2.3. □□ □□

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3.1. □□□□

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BENZYL ALCOHOL	CAS □□: 100-51-6 EC □□: 202-859-9 EC □□ □□: 603-057-00-5	100

□□ 4: □□□□□□□

4.1. □□□□ □□

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□□□ □□□□ □ : Wash skin with plenty of water. □□ □□□ □□□□: □□□□ □□/□□□ □□□□.

□□ □□□□ □ : □□□□ □□□□□□□ □□□□□□. □□ □□□□. □ □□ □□ □□□□ □□□□. □□ □□□ □□□□: □□□ □ □□/□□□ □□□□.

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4.2. □□ □ □□□ □□ □□□ □□ □ □□

□ □□ □ □□/□□ : Eye irritation.

□□ □ □□/□□ : Swallowing a small quantity of this material will result in serious health hazard.

4.3. □□□□ □□ □ □□ □□ □□ □□ □□

Treat symptomatically.

□□ 5: □□·□□□ □□□□

5.1. □□□ □□□

□□□ □□□ : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO_2). Water spray. Dry powder. Foam. Carbon dioxide.

□□□□ □□□ : Do not use a heavy water stream.

5.2. □□□□□□□□ □□□ □□ □□□

□□ □ □□□ □□□ □□ : Toxic fumes may be released.

5.3. □□□□ □□□□ □ □□□□

□□ □□ □ □□ : Do not attempt to take action without suitable protective equipment. □□□ □□□□□. Complete protective clothing.

□□ 6: □□□□□□ □□□□

6.1. □□□ □□□□ □□ □□□ □□□□ □ □□□

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□□ □□ : Ventilate spillage area. Evacuate unnecessary personnel. □□, □, □□, □□□, □□, □□□□ □ □□□ □□□□. □□ □ □□□ □□□ □□□□.

□□ □□ □□

□□ □□ : Do not attempt to take action without suitable protective equipment. □□□ □□ □□□□ □□□□□. □ □ □□□ □□□ □□ 8: "□□□□ □ □□□□□"□ □□□□□.

6.2. □□□ □□□□ □□ □□□ □□□□

□□□□ □□□□ □□□.

6.3. □□ □□ □□ □□

□□ □□ : Take up liquid spill into absorbent material. □□□□ □□□□. On land, sweep or shovel into suitable containers. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

□ □□ □□□□ : Dispose of materials or solid residues at an authorized site.

6.4. □□ □□ □□

For further information refer to section 13.

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7.1. □□□□□□□

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7.2. □□□□ □□□ □□□ □□□ □□ □□

□□ □□ : Store in original container. □□□ □□□ □□□□□. □□□ □□□ □□□□□. □□□ □ □□ □□ □□□□ □.

7.3. □□ □□ □□

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□□ 8: □□□□□ □ □□□□□□

8.1. □□ □□ □□

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8.2. □□□□□

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Ensure good ventilation of the work station.

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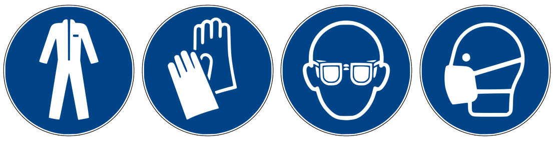

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□ □□:
Safety glasses

Skin protection

□□ □□:
Wear a mask

□ □□:
Wear protective gloves

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□□□ □□:
Wear appropriate mask. [□□□ □ □□ □□ □□] □□□ □□□□□ □□□□□□.

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□□ 9: □□□□□□ □□

9.1. □□□□□ □□□□□□ □□□ □□ □□

□□□ □□	:	□□
□□	:	Colourless.
□□	:	Clear liquid.
□□□	:	108.14 g/mol
□□	:	faint aromatic odor.
□□ □□	:	□□□□□
□□□	:	□□□□□
□□□	:	-16 – -13 °C
□□ □□□□□ □□□ □□	:	203 – 205 °C
□□□	:	□□□□□
□□ □□□	:	1.3 Vol-%
□□ □□□	:	13 Vol-%
□□□	:	96 °C
□□□□□ □□	:	435 °C
□□ □□	:	□□□□□
pH	:	□□□□□
□□(□□□)	:	4.819 – 4.842 mm²/s
□□(□□□□)	:	5.05 mPa·s at 25°C

□□□ : □: 33 g/l at 20 °C - Soluble in water.
Partition coefficient n-octanol/water (Log Kow) : □□□□
Partition coefficient n-octanol/water (Log Pow) : 1.05 at 20°C
□□□ : 0.125 hPa at 20°C
50°C□□□ □□□ : □□□□
□□ : 1.043 – 1.048 g/cm³
□□ : □□□□
20°C□□□ □□ □□ □□ : 3.72 (Air = 1)
□□ □□ : □□□□

9.2. □ □□ □□□□

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□□□ : 1.536 – 1.542 (20°C, 589 nm)

□□ 10: □□□ □ □□□

10.1. □□□

The product is non-reactive under normal conditions of use, storage and transport.

10.2. □□□ □□□

Stable under normal conditions.

10.3. □□ □□□ □□□

No dangerous reactions known under normal conditions of use.

10.4. □□□ □ □□

□□□□. Overheating. Open flame. □. Sparks.

10.5. □□□ □ □□

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10.6. □□□ □□□□ □□□□

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

□□ 11: □□□ □□ □□

11.1. □□ (EC) No 1272/2008□ □□□, □□□ □□□ □□ □□

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BENZYL ALCOHOL AR/ACS (100-51-6)	
□□(□□□)	4.819 – 4.842 mm²/s

11.2. □□ □□ □□

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□□ 12: □□□ □□□ □□

12.1. □□

□□□ - □□	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
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12.2. □□□ □ □□□

BENZYL ALCOHOL AR/ACS (100-51-6)	
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12.3. □□ □□□

BENZYL ALCOHOL AR/ACS (100-51-6)	
Partition coefficient n-octanol/water (Log Pow)	1.05 at 20°C

12.4. □□ □□□

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12.5. PBT □ vPvB □□ □□

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12.6. □□□ □□ □□

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12.7. □□ □□ □□

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□□ 13: □□□ □□□□

13.1. □□□ □□□

□□□ □□□	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
□□/□□ □□ □□□□	: □□ □□ □□□ □□□□ □□ □□□. (□□□ □ □□□ □□□□, □ □□□ □□□ □□□□ □□ □□) □ □□ □□ □□□ □□□□□.

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ADR / IMDG / IATA / ADN / RID□ □□
ADR: □□ □□
IMDG: □□ □□ (IMDG□ □□□ □□□ □□□ □□ □□□ □□ □□ □□□ □□ □□□ □□ □□ □□□□)
ADN: □□ □□
RID: RID □□□ □□

14.1. UN □□ □□ ID □□

UN-□□ (ADR)	: UN 3334
UN-□□ (IMDG)	: UN 3334
UN-□□ (IATA)	: UN 3334
UN-□□ (ADN)	: UN 3334

UN-□□ (RID) : UN 3334

14.2. UN □□ □□□

□□ □□□ (ADR) : □□□□□ □□ □□, □□ □□□ □□□ □□ □
□□ □□□ (IMDG) : AVIATION REGULATED LIQUID, N.O.S.
□□ □□□ (IATA) : Aviation regulated liquid, n.o.s.
□□ □□□ (ADN) : □□□□□ □□ □□, □□ □□□ □□□ □□ □
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Transport document description (IMDG) : UN 3334 AVIATION REGULATED LIQUID, N.O.S. (Benzyl alcohol), 9
Transport document description (IATA) : UN 3334 Aviation regulated liquid, n.o.s. (Benzyl alcohol), 9, III
Transport document description (ADN) : UN 3334 □□□□□ □□ □□, □□ □□□ □□□ □□ □, 9
Transport document description (RID) : UN 3334 □□□□□ □□ □□, □□ □□□ □□□ □□ □, 9

14.3. □□□□□□ □□□ □□

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IMDG
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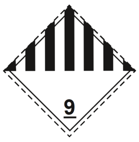

IATA
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□□ □□ (IATA) : 9
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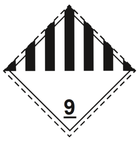

ADN
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RID
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□□ □□(IMDG) : □□□□□
□□ □□ (IATA) : III
□□ □□(ADN) : □□□□□
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14.5. □□ □□□

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14.6. □□□□□ □□ □□ □□□□□

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□□ □□ (ADR) : M11
EAC □□ : 2Z

□□ □□
□□ □□ (IMDG) : 960

□□ □□ (IMDG)	□□
□□□ □□□□□ (IMDG)	Not subject to the provisions of this Code but may be subject to provisions governing the transport of dangerous goods by other modes.

□□ □□

PCA □□ □□(IATA)	E1
PCA □□ □□(IATA)	Y964
PCA □□ □□ □□ □□□(IATA)	30kgG
PCA □□ □□(IATA)	964
PCA □□ □□□(IATA)	450L
CAO □□ □□(IATA)	964
CAO □□ □□□(IATA)	450L
□□ □□(IATA)	A27
ERG □□(IATA)	9A

□□ □□ □□

□□ □□(ADN)	M11

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□□ □□(RID)	M11

14.7. □□□□□□□(IMO)□ □□ □□ □□ □□

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15.1. □□, □□ □ □□□ □□□□□ □□□□□ □□ □□□□□ □□ □□ □□/□□

EU □□

REACH □□□ XVII (□□ □□)

EU restriction □□ (REACH Annex XVII)

□□ □□	□□ □□
3(b)	BENZYL ALCOHOL AR/ACS

REACH □□□ XIV (□□ □□)

REACH □□□ XIV (□□ □□)□ □□□□□ □□

REACH □□ □□ □□ (SVHC)

REACH □□ □□ □□□ □□□□□ □□

PIC □□ (□□□□□□□)

PIC □□□ □□□□□ □□ (□□ EU 649/2012)

POP □□ (□□□ □□ □□□□□)

POP □□□ □□□□□ □□ (□□ EU 2019/1021)

Ozone Regulation (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

□□□□ □□(428/2009)

Not listed on the COUNCIL REGULATION (EC) of dual-use items.

□□ □□□□□ □□ (2019/1148)

Not listed on the Explosives Precursors list (EU)

□□ □□□□□ □□ (273/2004)

Not listed on the Drug Precursors list (EU)

□□ □□

□□□

Class for fire hazard : □□ III-1
Store unit : 50 liter
□□ □□ □□ □□ : □□□□□ □□□□□ □□ □□□; □□□ □□ □□□ □□ □□ □□ □□□ □□□□□ □□□
□□□ □□ □□ : 18□ □□ □□□ □□ □□□ □□□□□□

□□

WGK : WGK 1, □□ □□ □□ □□ (Classification according to AwSV; ID □□ 216).

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SZW-lijst van kankerverwekkende stoffen : □□□ □□□□□ □□□□□□.
SZW-lijst van mutagene stoffen : □□□ □□□□□ □□□□□□.
SZW-lijst van reprotoxische stoffen – Borstvoeding : □□□ □□□□□ □□□□□□.
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : □□□ □□□□□ □□□□□□.
SZW-lijst van reprotoxische stoffen – Ontwikkeling : □□□ □□□□□ □□□□□□.

□□□

□□□ □□ □□ : Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).
Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488)
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended).
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)
Regulation of the Minister of Health of 25 August 2015 on the method of marking places, pipelines, and containers and tanks used for storing or containing hazardous substances or hazardous mixtures (J.o.L. 2015, item 1368 as amended)

15.2. □□ □□ □□□ □□

No chemical safety assessment has been carried out

□□ 16: □ □□ □□□□□

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ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	□□ □□ □

□□ □ □□□□:	
BOD	Biochemical oxygen demand (BOD)
COD	□□□ □□ □□□
DMEL	Derived Minimal Effect level
DNEL	□□ □□□ □□
EC □□	□□ □□□ □□
EC50	Median effective concentration
EN	□□ □□
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	□□□ □□ □□
PBT	Persistent Bioaccumulative Toxic
PNEC	□□ □□□ □□
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	□□□□□□□□□
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
COV	Volatile Organic Compounds
CAS □□	□□□□□ □□ □□ □□(CAS)
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	□□□ □□□□□

H-□□ □ EUH-□□ □□:	
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□□ □□□ 1B	□□ □□□, □□ 1B
H302	□□□ □□□.
H317	□□□□□□ □□ □□□ □□□ □ □□.
H319	□□ □□ □□□ □□□.

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