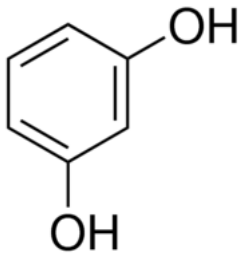
RESORCINOL EXTRA PURE

□□□□□□□□□

□□ (EU) 2020/878□ □□ □□□ REACH □□ (EC) 1907/2006□ □□
SDS Reference Number: 05560
□□ □□□□: 4/9/2014 □□ □□□□: 2/5/2025 □□ □□: 4/9/2015 □□: 1.0

□□ 1: □□□□□ □□□ □□ □□

1.1. □□□□

□□ □□	:	□□
□□□	:	RESORCINOL EXTRA PURE
IUPAC □□	:	Benzene-1,3-diol
EC □□ □□	:	604-010-00-1
EC □□	:	203-585-2
CAS □□	:	108-46-3
□□ □□	:	05560
□□ □□	:	Phenol
□□□	:	C6H6O2
□□ □□	:	
□□□	:	Resorcin, m-Dihydroxybenzene, 1,3-Benzenediol, 1,3-Dihydroxybenzene, 3-Hydroxyphenol, m-Benzenediol

1.2. □□□□ □□ □□□□ □□ □□ □□ □□

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

1.3. □□□□□□□□□ □□□ □□

LOBA CHEMIE PVT.LTD.
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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	H315
□□ □ □□□/□ □□□, □□ 2	H319
□□□□ □□□ – □□, □□ 1	H400

□□(H) □□ □ EUH □□ □□: 16□ □□.

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2.2. □□□□□□□□ □□□ □□□□ □□

□□ (EC) No. 1272/2008□ □□ □□ □□[CLP]

□□ □□ □□□□(CLP) :

GHS07 GHS09

□□□ (CLP) : □□

□□·□□ □□ (CLP) : H302 - □□□ □□□.
H315 - □□□ □□□ □□□.
H319 - □□ □□ □□□ □□□.
H400 - □□□□□□ □□ □□□.

□□ □□ □□(CLP) : P273 - □□□□ □□□□ □□□.
P280 - □□□□, □□□, □□□, □□□□□ □(□) □□□□□.
P301+P312 - □□ □□: □□□□ □□□ □□ □□ □□ □□ □□ □(□) □□□□.
P302+P352 - □□□ □□□ □□□ □ □ □□□□.
P305+P351+P338 - □□ □□□□: □ □□ □□ □□□□ □□□□. □□□□ □□□ □□□ □□□□□. □□ □ □□□.

2.3. □□ □□

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

□ □□□ REACH□ 59(1)□□ □□ □□□ □□ □□□ □□ □□□ □□□ □□□ □□□□ □□ □□□, □□□ □□ □□ (EU) 2017/2100 □□ □□□ □□ (EU) 2018/605□ □ □□ □□□ □□ □□□ □□ □□□ □□ □□□ □□□□ □□□□□.

□□ 3: □□□□□□ □□ □ □□□

3.1. □□□□

□□ □□ : □□□□□□

□□	□□□□	%
RESORCINOL	CAS □□: 108-46-3 EC □□: 203-585-2 EC □□ □□: 604-010-00-1	100

□□ 4: □□□□□□□

4.1. □□□□ □□

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

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First-aid measures for first aider : □□□□ □□□□ □□□ □□ □□ □□□ □□□□ □□□.

4.2. □□ □ □□□ □□ □□□ □□ □ □□

□□ □ □□/□□ : None under normal conditions. Dust of the product, if present, may cause respiratory irritation after excessive inhalation exposure.

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□ □□ □ □□/□□ : □□ □□ □□□ □□□. Eye irritation.

□□ □ □□/□□ : □□□ □□□.

4.3. □□□□ □□ □ □□ □□ □□ □□ □□

Treat symptomatically.

□□ 5: □□·□□□ □□□□

5.1. □□□ □□□

□□□ □□□ : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2). Water spray. Dry powder. Foam.

□□□□ □□□ : Do not use extinguishing media containing water.

5.2. □□□□□□□ □□□ □□ □□□

□□ □□ : No fire hazard.

□□ □□ : No direct explosion hazard.

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

5.3. □□□□ □□□□ □ □□□□

□□ □□ : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

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

□□ 6: □□□□□ □□□□

6.1. □□□ □□□□ □□ □□□ □□□□ □ □□□

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□□ □□ : Wear recommended personal protective equipment.

□□ □□ : Ventilate spillage area. Avoid contact with skin, eyes and clothing.

□□ □□ □□

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

□□ □□ : Stop release. Evacuate unnecessary personnel.

6.2. □□□ □□□□ □□ □□□ □□□□

□□□□ □□□□ □□□. □□□□□ □□ □□□.

6.3. □□ □□ □□ □□

□□□ : □□□□ □□□□.

□□ □□ : Mechanically recover the product. Clean up immediately by sweeping or vacuum.

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

6.4. □□ □□ □□

For further information refer to section 13.

□□ 7: □□ □ □□□□

7.1. □□□□□□

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□□□□□□ : Ensure good ventilation of the work station. □□ □ □□□ □□□ □□□□. □□ □□□□ □□□□□.

□□ □□ : □□ □□□ □□ □□ □(□) □□□ □□□□. □□ □□ □ □□□ □□□ □□□□□. □ □□□ □□□ □□□ □ □□, □□□□ □□□□ □□□. Always wash hands after handling the product.

7.2. □□□□ □□□ □□□ □□□ □□ □□

□□□ □□ : Keep in a cool, well-ventilated place away from heat.

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

□□□ : Store always product in container of same material as 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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□□ □□□:

Wear recommended personal protective equipment.

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□ □□:

Chemical goggles or safety glasses

Skin protection

□□ □□:

Wear a mask

□ □□:

Protective gloves

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□□□ □□:

Wear appropriate mask

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□□ 9: □□□□□ □□

9.1. □□□□ □□□□□ □□□ □□ □□

□□□ □□	:	□□
□□	:	Colourless or white.
□□	:	Crystals. Granules. Flakes.
□□□	:	110.11 g/mol
□□	:	slight characteristic odor.
□□ □□	:	□□□□

□□□	:	109 – 111 °C
□□□	:	□□□□
□□ □□□□ □□□ □□	:	277 – 280 °C
□□□	:	□□□
□□ □□□	:	1.4 vol %
□□ □□□	:	□□□□
□□□	:	127 °C
□□□□ □□	:	608 °C
□□ □□	:	□□□□
pH	:	4 – 6 at 20 °C
pH □□	:	□□□□
□□(□□□)	:	□□□□
□□□	:	□: 717 g/l at 20 °C - Completely soluble in water
Partition coefficient n-octanol/water (Log Kow)	:	□□□□
Partition coefficient n-octanol/water (Log Pow)	:	0.8
□□□	:	1 hPa at 20°C
50°C□□□ □□□	:	□□□□
□□	:	1.28 g/cm³ at 20 °C
□□	:	□□□□
20°C□□□ □□ □□ □□	:	3.8 (Air = 1.0)
Particle size	:	□□□□

9.2. □ □□ □□□□

□□ □□

□□ 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. □□□ □ □□

Air contact. □□□□. High temperature. Moisture.

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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□□ □□□ □□ □□□	:	□□□ □□□ □□□. pH: 4 – 6 at 20 °C
□□ □ □□ □□ □□□	:	□□ □□ □□□ □□□. pH: 4 – 6 at 20 °C
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RESORCINOL EXTRA PURE (108-46-3)	
□□(□□□)	□□□□

11.2. □□ □□ □□

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□□ 12: □□□ □□□ □□

12.1. □□

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12.2. □□□ □ □□□

RESORCINOL EXTRA PURE (108-46-3)	
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12.3. □□ □□□

□□ □□

12.4. □□ □□□

□□ □□

12.5. PBT □ vPvB □□ □□

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12.6. □□□ □□ □□

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12.7. □□ □□ □□

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□□ 13: □□□ □□□□

13.1. □□□ □□□

□□ □□(□□□) : Disposal must be done according to official regulations.
□□□ □□□ : Dispose of contents/container in accordance with licensed collector’s sorting instructions.
□□ □□ □□ □□ : Disposal must be done according to official regulations.
□□/□□ □□ □□□□ : □□, □□, □□ □/□□ □□ □□□ □□ □□□□ □□ □□ □□□ □□ □□ □ □□□□ □□□ □□□□□.
Disposal must be done according to official regulations.
□□ □□ : Do not re-use empty containers.

□□ 14: □□□ □□□ □□

ADR / IMDG / IATA / ADN / RID□ □□

14.1. UN □□ □□ ID □□

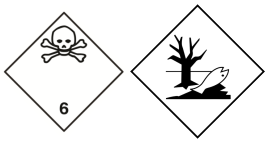
UN-□□(ADR)	:	UN 2876
UN-□□ (IMDG)	:	UN 2876
UN-□□(IATA)	:	UN 2876
UN-□□(ADN)	:	UN 2876
UN-□□(RID)	:	UN 2876

14.2. UN □□ □□□

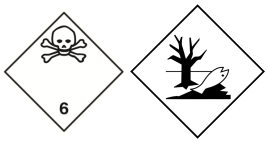
□□ □□□ (ADR)	:	□□□□□
□□ □□□ (IMDG)	:	RESORCINOL
□□ □□□ (IATA)	:	Resorcinol
□□ □□□ (ADN)	:	□□□□□
□□ □□□ (RID)	:	□□□□□
□□ □□ □□ (ADR) (ADR)	:	UN 2876 □□□□□, 6.1, III, (E), □□□ □□
□□ □□ □□ (IMDG)	:	UN 2876 RESORCINOL, 6.1, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS
□□ □□ □□ (IATA)	:	UN 2876 Resorcinol, 6.1, III, ENVIRONMENTALLY HAZARDOUS
□□ □□ □□ (ADN)	:	UN 2876 □□□□□, 6.1, III, □□□ □□
□□ □□ □□ (RID)	:	UN 2876 □□□□□, 6.1, III, □□□ □□

14.3. □□□□□ □□□ □□

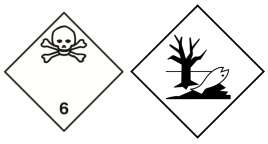
ADR

□□□□□ □□□ □□ (ADR)	:	6.1
□□ □□ (ADR)	:	6.1
	:	

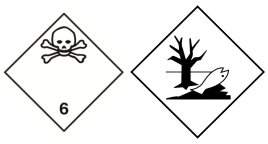
IMDG

□□□□□ □□□ □□ (IMDG)	:	6.1
□□ □□ (IMDG)	:	6.1
	:	

IATA

□□□□□ □□□ □□ (IATA)	:	6.1
□□ □□ (IATA)	:	6.1
	:	

ADN

□□□□□ □□□ □□ (ADN)	:	6.1
□□ □□ (ADN)	:	6.1
	:	

RID

□□□□□ □□□ □□ (RID)	:	6.1

□□ □□ (RID) : 6.1

:

14.4. □□□□

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

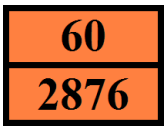
14.5. □□ □□□

□□□ □□ : □□
□□□□□□ : □□
EmS-No. (□□) : F-A
EmS-No. (□□) : S-A
□ □□ □□□□ : □□ □□ □□ □□

14.6. □□□□ □□ □□ □□□□

□□ □□

□□ □□(ADR) : T2
□□□(ADR) : 5kg
□□□(ADR) : E1
□□ □□(ADR) : P002, IBC08, LP02, R001
□□ □□ (ADR) : B3
□□ □□ □□ □□ □□(ADR) : MP10
□□□ □□ □ □□ □□□□ □□ (ADR) : T1
□□□ □□ □ □□ □□□□ □□ □□ (ADR) : TP33
□□ □□(ADR) : SGAH, L4BH
□□ □□ □□(ADR) : TU15, TE19
□□ □□□ □□ : AT
□□ □□(ADR) : 2
□□ □□ □□ □□ - □□ □□(ADR) : VC1, VC2, AP7
□□ □□ □□ □□ -□□, □□ □ □□(ADR) : CV13, CV28
□□ □□ □□ □□ - □□(ADR) : S9
□□ □□ □□(Kemler □□) : 60
Orange plates (□□□□□□) :



□□ □□ □□ (ADR) : E
EAC □□ : 2Z

□□ □□

□□ □□(IMDG) : 5 kg
□□□(IMDG) : E1
□□ □□ (IMDG) : P002, LP02
IBC □□ □□(IMDG) : IBC08
IBC □□ □□ (IMDG) : B3
□□ □□ (IMDG) : T1
□□ □□ □□ (IMDG) : TP33
□□ □□ (IMDG) : A
□□□ □□□□ (IMDG) : White to pink crystals. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.
MFAG-□□ : 153

□□ □□

PCA □□ □□(IATA) : E1
PCA □□ □□(IATA) : Y645

PCA □□ □□ □□ □□□(IATA)	:	10kg
PCA □□ □□(IATA)	:	670
PCA □□ □□□(IATA)	:	100kg
CAO □□ □□(IATA)	:	677
CAO □□ □□□(IATA)	:	200kg
ERG □□(IATA)	:	6L

□□ □□ □□

□□ □□(ADN)	:	T2
□□ □□(ADN)	:	802
□□□(ADN)	:	5 kg
□□□(ADN)	:	E1
□□ □□(ADN)	:	PP, EP
□□ □□/□□□ □□(ADN)	:	0

□□ □□

□□ □□(RID)	:	T2
□□ □□(RID)	:	5kg
□□□(RID)	:	E1
□□ □□ (RID)	:	P002, IBC08, LP02, R001
□□ □□ (RID)	:	B3
□□ □□ □□ □□ □□(RID)	:	MP10
□□□ □□ □ □□ □□□□ □□ (RID)	:	T1
□□□ □□ □ □□ □□□□ □□ □□ (RID)	:	TP33
RID □□□ □□ □□(RID)	:	SGAH, L4BH
RID □□□ □□ □□(RID)	:	TU15
□□ □□(RID)	:	2
□□ □□ □□ □□ - □□ □□(RID)	:	VC1, VC2, AP7
□□ □□ □□ □□ -□□, □□ □ □□(RID)	:	CW13, CW28, CW31
□□ □□□	:	CE11
□□□ □□ □□ (RID)	:	60

14.7. □□□□□□□(IMO)□ □□ □□ □□ □□

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□□ 15: □□ □□□□

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

EU □□

REACH □□□ XVII (□□ □□)

REACH □□□ XVII□ □□□□ □□

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)

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

□□ □□□□ □□ (2019/1148)

□□□ □□□□ □□(□□ □□□□□ □□ □ □□□ □□ □□ EU 2019/1148)□ □□□ □□ □□□□ □□

□□ □□□□ □□ (273/2004)

□□ □□□□ □□□ □□□ □□□ □□□□ □□(□□ □ □□□□ □□□ □□ □□□ □□□□ □□ □□□ □□ □ □□□ □□ □□ EC 273/2004)

□□ □□

□□

VOC ordinance (ChemVOCFarbV)	:	
WGK	:	WGK 3, □□ □□ □□□ (Classification according to AwSV).
□□ □□ □□(12. BImSchV)	:	□□ □□ □□(12. BImSchV)□ □□ □□ □□

□□□□

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	:	□□□ □□□□ □□□□□.

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□□□ □□ □□	:	18□ □□ □□□ □□ □□□ □□□□□

15.2. □□ □□ □□□ □□

No chemical safety assessment has been carried out

□□ 16: □ □□ □□□□

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ACGIH	American Conference of Government Industrial Hygienists
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)
CAS □□	□□□□ □□ □□ □□(CAS)
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	□□□ □□ □□□
CSA	□□ □□ □□□ □□
DMEL	Derived Minimal Effect level
DNEL	□□ □□□ □□
EC □□	□□ □□□ □□
EC50	Median effective concentration
ED	□□□ □□□□
EN	□□ □□
EWC	European waste catalogue
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
Log Kow	Partition coefficient n-octanol/water (Log Kow)
Log Pow	Partition coefficient n-octanol/water (Log Pow)
MAK	maximum workplace concentration
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
N.O.S.	Not Otherwise Specified
OECD	Organisation for Economic Co-operation and Development
OEL	□□□ □□ □□
OSHA	Occupational Safety & Health Administration
PBT	Persistent Bioaccumulative Toxic
PNEC	□□ □□□ □□
PPE	□□ □□□
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	□□□□□□□□
STP	Sewage treatment plant
TF	□□□ □□
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
TWA	Time Weighted Average
COV	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
UFI	□□ □□ □□□

□H□ □ EUH□ □□:	
□□ □□ 4 (□□)	□□ □□ (□□), □□ 4
□□ □□□□ 1	□□□□ □□□ – □□, □□ 1
□ □□□ 2	□□ □ □□□/□ □□□, □□ 2
□□ □□□ 2	□□ □□□/□□ □□□, □□ 2
H302	□□□ □□□.
H315	□□□ □□□ □□□.
H319	□□ □□ □□□ □□□.
H400	□□□□□□ □□ □□□.

□□□□□□□□(SDS), EU

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