

HYDROQUINONE AR

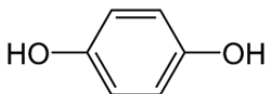
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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
SDS Reference Number: 04101
□□□□□□: 4/9/2014 □□□□□□: 12/30/2024 □□□□: 12/1/2017 □□: 1.1

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1.1. □□□□

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□□□□ : HYDROQUINONE AR
EC □□ □□ : 604-005-00-4
EC □□ : 204-617-8
CAS □□ : 123-31-9
□□ □□ : 04101
□□ □□ : Organic compound
□□ □□ : C6H6O2
□□ □□ :



□□ □□ : Idrochinone, Quinol, 4-Hydroxyphenol, 1,4-Dihydroxybenzene, p-Dihydroxybenzene, p- / Benzenediol

1.2. □□□□ □□ □□□□ □□ □□ □□ □□

□□ □□ □□ : Industrial;For professional use only
□□□□/□□□□ □□ : Laboratory chemicals
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1.3. □□□□□□□□ □□□ □□

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1.4. □□□□□□

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

□□ 2: □□□·□□□

2.1. □□□·□□□ □□

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

□□ □□ (□□), □□ 4 H302
□□ □ □□□/□ □□□, □□ 1 H318
□□ □□□, □□ 1 H317
□□□□ □□□□, □□ 2 H341
□□□, □□ 2 H351
□□□□ □□□ – □□, □□ 1 H400
□□(H) □□ □ EUH □□ □□: 16□ □□.

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HYDROQUINONE AR

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

2.2. □□□□□□ □□ □□□□ □□

□□ (EC) No. 1272/2008 □□ □□ □□[CLP]

□□ □□ □□□□(CLP)

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GHS05



GHS07



GHS08



GHS09

□□□ (CLP)

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: H302 - □□□ □□□.

H317 - □□□□□ □□ □□□ □□□ □□□.

H318 - □□ □□ □□□ □□□.

H341 - □□□□ □□□ □□□ □□□ □□□.

H351 - □□ □□□ □□□ □□□.

H400 - □□□□□□ □□ □□□.

□□ □□ □□(CLP)

: P273 - □□□□ □□□□ □□□.

P280 - □□□□, □□□, □□□, □□□□□ □(□) □□□□□.

P301+P312 - □□ □□: □□□□ □□□ □□ □□ □□ □□ □□ □(□) □□□□□.

P302+P352 - □□□ □□□ □□□ □□ □□□□.

P305+P351+P338 - □□ □□□□: □□ □□ □□□□ □□□□. □□□□ □□□ □□□ □□□□□. □□ □□□.

P308+P313 - □□□□□ □□□ □□□ □□: □□□ □□·□□□ □□□□□.

2.3. □□ □□

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

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3.1. □□□□

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□□	□□□□	%
HYDROQUINONE	CAS □□: 123-31-9 EC □□: 204-617-8 EC □□ □□: 604-005-00-4	100

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4.1. □□□□ □□

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First-aid measures for first aider

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4.2. □□ □□ □□□□ □□ □□□□ □□ □□□□

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HYDROQUINONE AR

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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

4.3. □□□□ □□ □□ □□ □□ □□ □□

Treat symptomatically.

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5.1. □□□ □□□

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□□□□ □□□ : Carbon dioxide (CO2).

5.2. □□□□□□□ □□□ □□ □□□

□□ □□ : No fire hazard.
□□ □□ : No direct explosion hazard.
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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.

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□□□ □□□ : Wear recommended personal protective equipment.
□□ □□ : Ventilate spillage area. Evacuate unnecessary personnel. □□ □ □□□ □□□ □□□□. □□/□/□□/□□ □□/□□/□□□□ □ □□□ □□□□.
□□ □□□□ : Do not attempt to take action without suitable protective equipment. □□□ □□ □□□□ □□□□□□. □□ □□□ □□□ □□ 8: "□□□□ □ □□□□□"□ □□□□□□.
□□ □□ : Ventilate area. Evacuate unnecessary personnel.

6.2. □□□ □□□□ □□ □□□ □□□□

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6.3. □□ □□ □□ □□

□□□ : □□□□ □□□□.
□□ □□ : Mechanically recover the product. Clean up any spills as soon as possible, using an absorbent material to collect it. □□□ □□□ □□ □□□□□ □□□ □□ □□□ □□.
□ □□ □□□□ : 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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HYDROQUINONE AR

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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

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7.2. □□□□ □□□□ □□□□ □□ □□

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

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: Store always product in container of same material as original container.

7.3. □□ □□ □□

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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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9.1. □□□□ □□□□□ □□□ □□ □□

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: White.

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: Crystalline powder.

HYDROQUINONE AR

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

□□□	: 110.11 g/mol
□□	: Odourless.
□□ □□	: □□□□
□□□	: 170 – 174 °C
□□□	: □□□□
□□ □□□□ □□□ □□	: 285 – 287 °C
□□□	: □□□
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□□ □□□	: □□□□
□□□	: 165 °C
□□□□ □□	: 515 °C
□□ □□	: □□□□
pH	: 3.7
pH □□	: □□□□
□□(□□□)	: □□□□
□□□	: □: 5.9 g/100ml at 15 °C - Soluble in water
Partition coefficient n-octanol/water (Log Kow)	: □□□□
Partition coefficient n-octanol/water (Log Pow)	: 0.59
□□□	: 1 mm Hg at 132 °C
50°C□□□ □□□	: □□□□
□□	: 1.332 g/cm ³ at 15 °C
□□	: □□□□
20°C□□□ □□ □□ □□	: 3.81 (Air = 1)
Particle size	: □□□□

9.2. □ □□ □□□□

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□□ 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. □□□ □ □□

□□□□. 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: 3.7

HYDROQUINONE AR

□□□□□□□□

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

□□ 14: □□□ □□□ □□

ADR / IMDG / IATA / ADN / RID □□

14.1. UN □□ □□ ID □□

UN-□□(ADR) : UN 3077
UN-□□ (IMDG) : UN 3077
UN-□□(IATA) : UN 3077
UN-□□(ADN) : UN 3077
UN-□□(RID) : UN 3077

14.2. UN □□ □□□

□□ □□□ (ADR) : □□□□□ □□, □□, □□ □□□ □□□ □□ □
□□ □□□ (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
□□ □□□ (IATA) : Environmentally hazardous substance, solid, n.o.s.
□□ □□□ (ADN) : □□□□□ □□, □□, □□ □□□ □□□ □□ □
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□□ □□ □□ (IMDG) : UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(HYDROQUINONE), 9, III, MARINE POLLUTANT
□□ □□ □□ (IATA) : UN 3077 Environmentally hazardous substance, solid, n.o.s. (HYDROQUINONE), 9, III
□□ □□ □□ (ADN) : UN 3077 □□□□□ □□, □□, □□ □□□ □□□ □□ □, 9, III
□□ □□ □□ (RID) : UN 3077 □□□□□ □□, □□, □□ □□□ □□□ □□ □, 9, III

14.3. □□□□□ □□□ □□

ADR

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□□ □□ (ADR) : 9



IMDG

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□□ □□ (IMDG) : 9



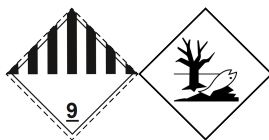
IATA

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□□ □□ (IATA) : 9



ADN

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□□ □□ (ADN) : 9



HYDROQUINONE AR

□□□□□□□□

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RID

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14.4. □□□□

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□□ □□ (IMDG)
□□ □□ (IATA)
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EmS-No. (□□)
EmS-No. (□□)
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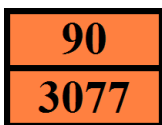
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: S-F
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14.6. □□□□ □□ □□ □□□□

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□□ □□ □□ (Kemler □□)
Orange plates (□□□□□□)

: M7
: 274, 335, 375, 601
: 5kg
: E1
: P002, IBC08, LP02, R001
: PP12, B3
: MP10
: T1, BK1, BK2, BK3
: TP33
: SGAV, LGBV
: AT
: 3
: V13
: VC1, VC2
: CV13
: 90



□□ □□ □□ (ADR)
EAC □□

: -
: 2Z

□□ □□

□□ □□ (IMDG)
□□ □□ (IMDG)
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□□ □□ (IMDG)
□□ □□ □□ (IMDG)
MFAG-□□

: 274, 335, 966, 967, 969
: 5 kg
: E1
: LP02, P002
: PP12
: IBC08
: B3
: BK1, BK2, BK3, T1
: TP33
: A
: SW23
: 171

HYDROQUINONE AR

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

□□ □□

PCA □□ □□(IATA) : E1
PCA □□ □□(IATA) : Y956
PCA □□ □□ □□ □□□(IATA) : 30kgG
PCA □□ □□(IATA) : 956
PCA □□ □□□(IATA) : 400kg
CAO □□ □□(IATA) : 956
CAO □□ □□□(IATA) : 400kg
□□ □□(IATA) : A97, A158, A179, A197, A215
ERG □□(IATA) : 9L

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□□ □□(ADN) : M7
□□ □□(ADN) : 274, 335, 375, 601
□□□(ADN) : 5 kg
□□□(ADN) : E1
□□□□(ADN) : T* B**
□□ □□(ADN) : PP, A
□□ □□/□□□ □□(ADN) : 0
□□ □□/□□(ADN) : * Only in the molten state. ** For carriage in bulk see also 7.1.4.1. *** Only in the case of transport in bulk.

□□ □□

□□ □□(RID) : M7
□□ □□(RID) : 274, 335, 375, 601
□□ □□(RID) : 5kg
□□□(RID) : E1
□□ □□ (RID) : P002, IBC08, LP02, R001
□□ □□ (RID) : PP12, B3
□□ □□ □□ □□ □□(RID) : MP10
□□□ □□ □ □□ □□□□ □□ (RID) : T1, BK1, BK2, BK3
□□□ □□ □ □□ □□□□ □□ □□ (RID) : TP33
RID □□□ □□ □□(RID) : SGAV, LGBV
□□ □□(RID) : 3
□□ □□ □□ □□ - □□(RID) : W13
□□ □□ □□ □□ - □□ □□(RID) : VC1, VC2
□□ □□ □□ □□ - □□, □□ □ □□(RID) : CW13, CW31
□□ □□□ : CE11
□□□ □□ □□ (RID) : 90

14.7. □□□□□□(IMO) □□ □□ □□ □□

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□□ 15: □□ □□□□

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

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REACH □□□ XVII (□□ □□)

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REACH □□ □□ □□ (SVHC)

REACH □□ □□ □□ □□ □□ □□ □□

PIC □□ (□□□□□□)

PIC □□□ □□ □ □□(□□ EU 649/2012)

POP □□ (□□□ □□ □□□□)

POP □□□ □□ □ □□(□□ EU 2019/1021)

HYDROQUINONE AR

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

□□ □□□□ □□ (2019/1148)

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

□□ □□□□ □□ (273/2004)

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RG 65
RG 66

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VOC ordinance (ChemVOCFarbV)

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WGK

: WGK 3, □□ □□ □□□□ (Classification according to AwSV).

□□ □□ □□(12. BImSchV)

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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

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SZW-lijst van reprotoxische stoffen – Ontwikkeling

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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	□□□ □□ □□□

HYDROQUINONE AR

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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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	□□ □□ □□□

HYDROQUINONE AR

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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□□□ 2	□□□, □□ 2
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H302	□□□ □□□.
H317	□□□□□ □□ □□□ □□□ □ □□.
H318	□□ □□ □□□ □□□.
H341	□□□□ □□□ □□□ □□□ □□□.
H351	□□ □□□ □□□ □□□.
H400	□□□□□□ □□ □□□.

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