Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)



Revision Date: 08.09.2022 Version 2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Catalog No. TK.201800.00000
Product Name Hydroquinone
Cas no 123-31-9

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

1.2.1. Relevant identified uses

Synthesis chemical.

1.2.2. Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Name TEKKİM KİMYA SAN. TİC. LTD. STİ.

Street ORGANİZE SAN. BÖL. MAVİ CAD. 8. SOK. NO :1 NİLÜFER / BURSA

Telephone 0224 243 21 71

E-mail erhan@tekkim.com.tr

Company Representative Erhan DİLER

1.4 Emergency Telephone Number +90 506 990 36 86

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Acute toxicity, Oral, Category 4 Serious eye damage, Category 1 Skin sensitization, Category 1 Germ cell mutagenicity, Category 2 Carcinogenicity, Category 2

Short term (acute) aquatic hazard, Category 1 Long (chronic) aquatic hazard, Category 1

For the full text of the H and EUH statements referred to in this section, see section 16.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

Hazard pictograms









Signal word (SEA)

DANGER

Hazard Statements (SEA)

H302 Harmful if swallowed.

H317 Causes an allergic skin reaction.

H318 Causes serious eye damage.

H341 Suspected of causing genetic defects.

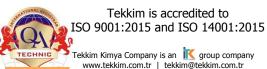
H351 Suspected of causing cancer.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements (SEA)







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Prevention

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Intervention

P301+P312 IF SWALLOWED: Call 114 POISON CENTER or doctor/physician if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if fitted and easy to do. Continue rinsing.

P308+P313 IF exposed and concerned: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

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

3.1 Maddeler

 EC No
 204-617-8

 Molar mass
 110.11 g/mol

 Cas No
 123-31-9

 Concentration
 (<= 100 %)</td>

SECTION 4: First aid measures

4.1 Description of first aid measures

General information In case of accident or unwellness, seek medical advice immediately

(show directions for use or safety data sheet if possible).

Following inhalation Remove casualty to fresh air and keep warm and at rest..

Following skin contact Wash with plenty of water. Take off contaminated clothing.

Following eye contact In case of contact with eyes, rinse immediately with plenty of water and

consult an ophthalmologist.

Following ingestion Give up to two glasses of water. Get medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water. Foam. Dry extinguishing powder. Carbon dioxide (CO2).

Unsuitable extinguishing media

There is no restriction for this item.

5.2 Special hazards arising from the substance or mixture

Carbon oxides. Flammable. Heavy-than-air vapors may form on the floor surface. Forms explosive mixtures with air at intense temperatures. In case of fire, dangerous flammable gases or vapors may develop.

5.3 Advice for firefighters

Special protective equipment for firefighters

Do not stay in dangerous zone without self-contained breathing apparatus. Keep a safe distance to cut off contact with skin and wear suitable protective clothing.

5.4 Additional information

Stop and contain spill/release if it can be done safely. If this cannot be done, allow fire to burn under control.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures





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Advice for non-emergency personnel: Don't breathe vapours, aerosols. Avoid substance contact. Keep away from head and source of ignition. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert..

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Close drainage channels. Take up with liquid-absorbent material. Clean the affected area. Avoid generation of dust...

6.4 Reference to other sections

Disposal: see section 13.

6.5 Additional information

Clear spills immediately.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Advices on safe handling

Pay attention to the precautions on the label. Work with the title. Do not inhale the substance.

Advices on general occupational hygiene

Change contaminated clothing. Wash hands after working with substance. It is recommended to use a skin protection cream.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Protect from light. Keep container tightly closed in dry and well-ventilated places.

7.3 Specific end uses

There are no other specific uses other than those mentioned in section 1.2.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Contains no subtances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

More attention should be paid to technical measures against the use of personal protective equipment.

Personal protection equipment

Eye/face protection

Fully fitting safety glasses

Hand protection

Hand protection

Full contact

Glove material : Nitrile rubber Glove thickness :0,11 mm

Break through time: >480 minute

Splash contact

Glove material : Nitrile rubber Glove thickness :0,11 mm

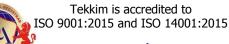
Break through time: >480 minute

The protective gloves to be used must comply with the specifications of directive 89/686/EEC and the related standart EN374.

Other skin protection







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Protective chlothing.

Respiratory protection

Required when dusts occur.

Recommended Filter type: Filter A-(P2)

SECTION 9: Physical and chemical Properties

9.1 Information on basic physical and chemical properties

Physical state Solid Colour White

Odour No information.
Odour threshold No information.
pH value 3,0 - 4,0 70 g/l

Melting point/freezing point 171 °C

Freezing point No information. Initial boiling point and boiling range 287 °C 1.013 hPa 165 °C Flash point 1.013 hPa Evaporation rate No information. Flammability (solid, gas) 515 °C 1.013 hPa Upper/lower flammability or explosive limits No information. Upper/lower flammability or explosive limits No information.

Vapour pressure 1 hPa 130 °C Vapour density 3,80

Density 1,332 g/cm3 20 °C
Relative density No information.
Water solubility (g/l) 72 g/l 25 °C
Fat solubility (g/l) No information.
Partition coefficient: n-octanol/water log Pow: 0,59
Auto-ignition temperature No information

Auto-ignition temperature No information.

Decomposition temperature No information.

Viscosity

Kinematic viscosity

No information.

No information.

Explosive properties Not classified as explosive.

Oxidising properties none

SECTION 10: Stability and Reactivity

10.1 Reactivity

Risk of dust explosion. Forms explosive mixtures with air at intense temperatures.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

Increased reactivity with aluminum.

There is a risk of explosion with oxygen.

Strong oxidizing agents react exothermically with alkalines.

10.4 Conditions to avoid

Powerful heating.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

No information available.





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11.2 Additional information

Absorption into the body causes the formation of methemoglobin, which, if it reaches sufficient concentration, causes cyanosis. It may take 2 to 4 hours or longer for symptoms to appear.

Handle in accordance with safety and hygiene rules.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Substance does not meet the criteria for PBT or vPvB.

12.6 Other adverse effects

Harmful mixtures may form with water. It is dangerous for drinking water supplies.

Discharge into the environment should be prevented.

SECTION 13: Disposal considerations

Waste treatment methods

It must be disposed of in accordance with national and local regulations. Do not mix with other products. Uncleaned Treat packages as if it were the product itself ... Waste materials must be disposed of in accordance with national and local regulations.

SECTION 14: Trans	port information
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ADR	IMDG	IATA	ADN	RID	
14.1 UN number					
UN 3077	UN 3077	UN 3077	UN 3077	UN 3077	
14.2 UN proper shipping name					
ENVIRONMENTALLY HAZARDOUS SUBSTANCE,SOLID, N.O.S.(Contains: Hydroquinone), MARINE POLLUTANT,	ENVIRONMENTALLY HAZARDOUS SUBSTANCE,SOLID, N.O.S.(Contains: Hydroquinone), MARINE POLLUTANT,	ENVIRONMENTALLY HAZARDOUS SUBSTANCE,SOLID, N.O.S.(Contains: Hydroquinone), MARINE POLLUTANT,	ENVIRONMENTALLY HAZARDOUS SUBSTANCE,SOLID, N.O.S.(Contains: Hydroquinone), MARINE POLLUTANT,	ENVIRONMENTALLY HAZARDOUS SUBSTANCE,SOLID, N.O.S.(Contains: Hydroquinone), MARINE POLLUTANT,	
14.3 Transport hazard class(es)					
9	9	9	9	9	



14.4 Packing group

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14.5 Environmental hazards

Packages less than 5 kg/l or equivalent, non-hazardous goods of Class 9

Packages less than 5 kg/l or equivalent, non-hazardous goods of Class 9



Packages less than 5 kg/l or

equivalent, non-hazardous

goods of Class 9

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YES



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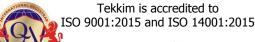
YES

Packages less than 5 kg/l or equivalent, non-hazardous goods of Class 9

Packages less than 5 kg/l or equivalent, non-hazardous goods of Class 9







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YES

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14.6 Special Precautions for User:

Packages less than 5 kg/l or equivalent, non-hazardous goods of Class 9

SECTION 15: Regulatory information

15.1 Safety, health and environmental legislation specific for the substance or mixture

This product safety data sheet complies with the requirements of EU Regulation 1907/2006.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been conducted for this substance.

SECTION 16: Other informations

Full text of H statements

H302 Harmful if swallowed.

H317 Causes an allergic skin reaction.

H318 Causes serious eye damage.

H341 Suspected of causing genetic defects.

H351 Suspected of causing cancer.

H410 Very toxic to aquatic life with long lasting effects.

Person Who Prepared the Safety Data Sheet:

Name:

Certificate Number and Date: Erhan DİLER

Communication information: 11.29.03 & 11 Şubat 2020

05069903686







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