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



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

1.1 Product identifier

Catalog No. TK.930140.00000

Product Name Mercury (II) Nitrate Monohydrate

Cas no 7783-34-8

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

1.2.1. Relevant identified uses Use as a laboratory reagent.

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 2

Acute toxicity, By inhalation, Category 2 Acute toxicity, Dermal, Category 1

Specific Target Organ Toxicity – Repeated exposure, 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)

H300 + H310 + H330 Lethal if swallowed, in contact with skin or if inhaled.

H373 May cause damage to organs through prolonged or repeated exposure.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements (SEA)







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Prevention

P262 Avoid contact with eyes, skin or clothing.

P273 Avoid release to the environment.

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

Intervention

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

P304+P340 IF INHALED: Move victim to fresh air and keep in a position comfortable for breathing.

P314 Get medical advice/attention if you feel unwell.

SECTION 3: Composition/information on ingredients

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

3.1 Maddeler

 EC No
 233-152-3

 Molar mass
 342.62 g/mol

 Cas No
 7783-34-8

 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 to fresh air. Call a doctor. If breathing stops: apply mechanical

respiration immediately, with oxygen if necessary.

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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. Only in

exceptional cases; if medical assistance is not available within one hour, induce vomiting (only if the person is awake and fully conscious). After: activated charcoal (20 - 40g in 10% solution). Do not try to neutralize.

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

Use extinguishing measures appropriate to the environment.

Unsuitable extinguishing media

There is no restriction for this item.

5.2 Special hazards arising from the substance or mixture

Nitrogen oxides (NOx). Mercury/mercuric oxides. It is not flammable. Fire may cause evolution of: mercury vapours, nitrogenous gases, nitrogen oxides. All-round fire can release dangerous vapours.

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





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6.1 Personal precautions, protective equipment and emergency procedures

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

Mercury dinitrate monohydrate (7783-34-8)

TWA (8 Hours) 0,02 mg/m3

8.2 Exposure controls

Appropriate engineering controls

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

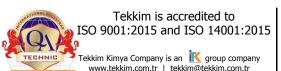
Personal protection equipment

Eye/face protection

Safety glasses

Hand protection







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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

Protective chlothing.

Respiratory protection

Required when dusts occur.

Recommended Filter type: P3 type filter

SECTION 9: Physical and chemical Properties

9.1 Information on basic physical and chemical properties

Physical state Solid Colour White

Odour Characteristic
Odour threshold No information.
PH value No information.

Melting point/freezing point 54,6 °C

Freezing point
Initial boiling point and boiling range
Flash point
Evaporation rate
Flammability (solid, gas)
Upper/lower flammability or explosive limits
Upper/lower flammability or explosive limits
Not applicable.
Not applicable.
Not applicable.
Not applicable.

Vapour pressure
Vapour density
No information.
No information.
No information.
No information.
No information.
No information.
No information.
No information.
No information.
No information.
No information.
Partition coefficient: p-octanol/water

Partition coefficient: n-octanol/water

Auto-ignition temperature

Decomposition temperature

No information.
No information.
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

Section 10.3 to see.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.







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10.3 Possibility of hazardous reactions

Acetylene, ethanol, ammonia, cyanides, phosphine, phosphorus, sulfur, conc. There is a risk of explosion with sulfuric acid.

It gives exothermic reaction with aldehydes, aromatic hydrocarbons, ketones, unsaturated hydrocarbons, organic nitro compounds.

Violent reactions possible with strong reducing agents, nonmetals, nonmetallic hydrogen compounds.

10.4 Conditions to avoid

Moisture.

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

Acute respiratory toxicity

Estimated acute toxicity Inhalation - 4 h - 0.051 mg/l

Acute dermal toxicity

Acute toxicity estimate Dermal - 5 mg/kg

Specific target organ toxicity - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

11.2 Additional information

It has an extremely destructive effect on mucous membranes, upper respiratory tract, eyes and skin tissues. 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

Discharge into environment must be avoided.

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.

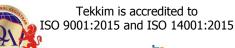
SECTION 14: Transport information

ADR	IMDG	IATA	ADN	RID
14.1 UN number				
UN 1625	UN 1625	UN 1625	UN 1625	UN 1625
14.2 UN proper shipping name				



Group of Companies





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MERCURIC NITRATE

14.3 Transport hazard class(es)

6.1 6.1 6.1



MERCURIC NITRATE



MERCURIC NITRATE



14.4 Packing group

II II

14.5 Environmental hazards

YES YES YES

No information available. No information available. No information available. No information available. No information available.

14.6 Special Precautions for User:

No information available.

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

H300 + H310 + H330 Lethal if swallowed, in contact with skin or if inhaled.

H373 May cause damage to organs through prolonged or repeated exposure.

H410 Very toxic to aquatic life with long lasting effects.

Person Who Prepared the Safety Data Sheet:

Name:

Erhan DİLER Certificate Number and Date:

11.29.03 & 11 Şubat 2020 Communication information:

05069903686





