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



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

1.1 Product identifier

Catalog No. TK.120310.00000

Product Name Magnesium Sulfate Heptahydrate

Cas no 10034-99-8

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

1.2.1. Relevant identified uses

Industrial use. 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. ŞTİ.

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)

Not a dangerous substance or mixture according to Regulation (EC) No 1272/2008.

2.2 Label elements

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

Hazard pictograms

Signal word (SEA)

Not a dangerous substance or mixture according to Regulation (EC) No 1272/2008.

Hazard Statements (SEA)

Not a dangerous substance or mixture according to Regulation (EC) No 1272/2008.

Precautionary Statements (SEA)

Not a dangerous substance or mixture according to Regulation (EC) No 1272/2008.

SECTION 3: Composition/information on ingredients

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

3.1 Maddeler

 EC No
 231-298-2

 Molar mass
 246.48 g/mol

 Cas No
 10034-99-8

Concentration --

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 Provide fresh air...







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Following skin contact

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Wash with plenty of water. Take off contaminated clothing.

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Following eye contact Rinse immediately carefully and thoroughly with eye-bath or water...

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

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

May form free in case of fire: Sulfur oxides. It is not flammable. 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

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

Observe label precautions.

Advices on general occupational hygiene

Change contaminated clothing. Wash hands after working with substance.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

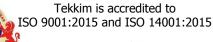
Keep container tightly closed in dry and well-ventilated places.

7.3 Specific end uses

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







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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

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.

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Other skin protection

Protective chlothing.

Respiratory protection

Required when dusts occur.

Recommended filter type: Filter P 1 for solid particles of inert substances (according to DIN 3181)

SECTION 9: Physical and chemical Properties

9.1 Information on basic physical and chemical properties







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Physical state Solid
Colour White
Odour Odorless
Odour threshold Not applicable.

pH value 7,0 - 8,0 50 g/l 25 °C

Melting point/freezing point 1124 °C

Freezing point No information. Initial boiling point and boiling range No information. Flash point No information. Evaporation rate No information.

Flammability (solid, gas)

Upper/lower flammability or explosive limits

No information.

Upper/lower flammability or explosive limits

No information.

Upper/lower flammability or explosive limits

Vapour pressure

Vapour density

No information.

1 hPa 20 °C

No information.

2,66 g/cm3 20 °C

Relative density

No information.

300 g/l 20 °C

Fat solubility (g/l) No information.

Partition coefficient: n-octanol/water No information.

Auto-ignition temperature No information.

Decomposition temperature 1124 °C

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.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

In case of warming.

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.

11.2 Additional information

Toxic effects can only be expected at very high doses.

After taking large quantities:

Nausea, Vomiting, Diarrhea

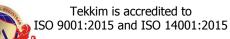
Handle in accordance with good industrial hygiene and safety practice

SECTION 12: Ecological information

12.1 Toxicity







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Toxicity to fish

LC50 Gambusia affinis (mosquito fish): 15,500 mg / I; 96 hrs (IUCLID)

Toxicity to daphnia and other aquatic invertebrates EC50 Daphnia magna (Water flea): 1.700 mg / l; 24 hrs (IUCLID)

Toxicity to algae (algae)

IC50 Desmodesmus subspicatus (green algae): 2.700 mg / l; 72 h (IUCLID)

Toxicity to bacteria

EC50 Photobacterium phosphoreum: 84,000 mg / I; 30 minutes

(anhydrous substance) (IUCLID)

12.2 Persistence and degradability

Methods for measuring biological degradation cannot be applied to inorganic substances.

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.

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SECTION 14: Transport information				
ADR	IMDG	IATA	ADN	RID
14.1 UN number				
14.2 UN proper shipping name				
It is not classified as dangerous goods.	It is not classified as dangerous goods.	It is not classified as dangerous goods.	It is not classified as dangerous goods.	It is not classified as dangerous goods.
14.3 Transport hazard class(es)				
14.4 Packing group				

14.5 Environmental hazards





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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

Not a dangerous substance or mixture according to Regulation (EC) No 1272/2008.

Person Who Prepared the Safety Data Sheet:

Name:

Certificate Number and Date: Erhan DİLER

Communication information: 11.29.03 & 11 Şubat 2020

05069903686

