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



Revision Date: 04.08.2022 Version 2

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

1.1 Product identifier

TK.010020.00000 Catalog No. **Product Name** Ammonium Sulfate

Cas no 7783-20-2

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

1.2.1. Relevant identified uses Use as laboratory reagent.

1.2.2. Uses advised against No information available.

1.3. Details of the supplier of the safety data sheet

TEKKİM KİMYA SAN. TİC. LTD. ŞTİ. Name

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

0224 243 21 71 Telephone

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)

No information available.

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

231-984-1 EC No 132.14 g/mol Molar mass 7783-20-2 Cas No

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). Remove casualty to fresh air and keep warm and at rest.

Following inhalation



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

Following eye contact Rinse carefully and thoroughly with eye wash or water

Following ingestion Please give up to two glasses of water. Get immediate medical attention.

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

In case of fire may be liberated: Sulphur oxides. Nitrogen oxide. not flammable.. Ambient fire may liberate hazardous vapors..

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 dust. 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.

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

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

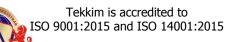
Keep container tightly closed in a dry and well-ventilated place. Metal packaging should not be used.

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.

Other skin protection

Protective chlothing.

Respiratory protection

Required when dusts are generated

Recommented filter type:

Filter P 1 for solid particles of inert materials (according to DIN 3181)

SECTION 9: Physical and chemical Properties

9.1 Information on basic physical and chemical properties





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Solid

Colorless

Odorless

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Physical state Colour

Odour Odour threshold

pH value Melting point/freezing point

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

Vapour pressure Vapour density Density

Relative density Water solubility (g/l) Fat solubility (g/l)

Partition coefficient: n-octanol/water

Auto-ignition temperature Decomposition temperature

Viscosity

Kinematic viscosity Dynamic viscosity Explosive properties

Oxidising properties

SECTION 10: Stability and Reactivity

10.1 Reactivity

Section 10.3 to see.

10.2 Chemical stability

Hygroscopic.

10.3 Possibility of hazardous reactions

No information available.

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

Not applicable. 5,0 - 6,0 130 g/l 25°C > 280 °C No information. Not applicable. No information. No information. No information. No information. No information. < 0,1 hPa 25 °C Not applicable. 1,77 g/cm3 20 °C No information. 765 g/l 25 °C No information. No information. No information.

No information. No information.

Not classified as explosive.

none

> 235 °C





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Acute oral toxicity LD50 Rat: 4.250 mg / kg **OECD Test Guideline 401**

Acute inhalation toxicity This information is not available.

Acute dermal toxicity LD50 Rat:> 2,000 mg / kg **OECD Test Guideline 434**

Skin irritation Rabbit

Result: No irritation.

Eye irritation Rabbit

Result: No eye irritation

11.2 Additional information

Handle in accordance with good industrial hygiene and safety practice

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish LC50 - Oncorhynchus mykiss (Rainbow trout) - 53 mg/l - 96 h (ECHA)

Toxicity to daphnia and other aquatic invertebrates static test EC50 - Ceriodaphnia (water flea) - 121.7 mg/l - 48 h (US-EPA)

Toxicity to algae (algae) static test ErC50 - Chlorella vulgaris (freshwater algae) - 2.700 mg/l - 18 Days (ECHA)

Toxicity to bacteria static test EC50 - activated sludge - 1.618 mg/l - 30 min (OECD Testing Guide 209)

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 to the environment should be avoided. Creates toxic and corrosive mixtures even when diluted Harmful effect due to pH change.

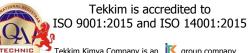
SECTION 13: Disposal considerations

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: Trans	port information
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ADR IATA ADN RID 14.1 UN number

14.2 UN proper shipping name

It is not classified as dangerous It is not classified as dangerous It is not classified as dangerous It is not classified as dangerous It is not classified as goods. goods. goods. goods. dangerous goods.

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

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

No information available.

Person Who Prepared the Safety Data Sheet:

Name: Erhan DİLER Certificate Number and Date:

11.29.03 & 11 Şubat 2020 Communication information:

05069903686





