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



Revision Date: 07.09.2022 Version 2

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

1.1 Product identifier

TK.201796.00000 Catalog No.

Product Name Ammonium hydrogen phosphate

Cas no 7783-28-0

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

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)

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

231-987-8 EC No 132.05 g/mol Molar mass Cas No 7783-28-0 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).

Provide fresh air... Following inhalation







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

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

It is not flammable. Fire may cause evolution of: Oxides of phosphorus, oxides of nitrogen. All-round fire can release dangerous vapours.

5.3 Advice for firefighters

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus..

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

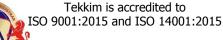
Keep container tightly closed in dry and well-ventilated places.

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.

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







Melting point/freezing point

Flammability (solid, gas)

Initial boiling point and boiling range

Partition coefficient: n-octanol/water

Upper/lower flammability or explosive limits

Upper/lower flammability or explosive limits

Physical state

Odour threshold

Freezing point

Vapour pressure Vapour density

Relative density

Fat solubility (q/l)

Water solubility (g/l)

Auto-ignition temperature

Decomposition temperature

Flash point Evaporation rate

Colour

Odour

pH value

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Solid

No information. No information.

7,5 - 9,0 100 g/l 20 °C

155 °C

White

No information.
No information.
No information.
No information.
No information.

Not applicable. Not applicable. 0.076 Pa 20 °C No information. 1,619 g/cm3 20 °C No information.

132 g/l 20 °C No information. No information.

No information. No information.

Viscosity

Density

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

There is a risk of explosion with sodium hypochlorite.

10.4 Conditions to avoid

No information available.

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 oral toxicity

LD50 Oral - Rat - male and female - > 2.000 mg/kg (OECD Testing Guide 425)

Acute respiratory toxicity

LC50 Inhalation - Rat - male and female - 4 h - > 5 mg/l

(OECD Test Guideline 403)

Acute dermal toxicity

LD50 Dermal - Rat - male and female - > 5,000 mg/kg

(OECD Test Guideline 402)







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11.2 Additional information

After uptake of large quantities: diarrhoea, impaired electrolyte balance.

After swallowing: local irritation symptoms, nausea, vomiting, diarrhoea.

Systemic effect: after ingestion of large amounts: drop in blood pressure, drop, CNS disturbance, spasms, narcotic conditions, respiratory paralysis, haemolysis.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish

semi-static test LC50 - Oncorhynchus mykiss (Rainbow trout) - > 100 mg/l - 96 h (OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates static test EC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h (OECD Test Guideline 202)

Toxicity to algae (algae) static test EC50 - Pseudokirchneriella subcapitata - > 100 mg/l - 72 h (OECD Test Guideline 201)

Toxicity to bacteria static test EC50 - activated sludge - > 100 mg/l - 3 h (OECD Test Guideline 209)

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.

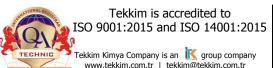
SECTION 13: Disposal considerations

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.

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)				





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14.4 Packing group

14.5 Environmental hazards

NO NO NO

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:

Erhan DİLER Certificate Number and Date:

11.29.03 & 11 Şubat 2020 Communication information:

05069903686





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