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



Revision Date: 15.08.2022 Version 2

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

1.1 Product identifier

Catalog No. TK.200730.00000
Product Name Ammonium Chloride

Cas no 12125-02-9

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. 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)

Acute toxicity, Category 4, Oral Eye irritation, Category 2

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)

WARNING

Hazard Statements (SEA)

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

Precautionary Statements (SEA)

Intervention

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

SECTION 3: Composition/information on ingredients

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

3.1 Maddeler

 EC No
 235-186-4

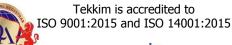
 Molar mass
 53.49 g/mol

 Cas No
 12125-02-9

 Concentration
 (<= 100 %)</td>







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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...

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

Following eye contact In case of contact with eyes, rinse eyelids with water for 10-15 minutes.

See a doctor immediately.

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: Hydrogen chloride. nitrous oxide. 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







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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

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

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: P 2 Filter (according to DIN 3181) for solid and liquid particles of harmful elements.

SECTION 9: Physical and chemical Properties

9.1 Information on basic physical and chemical properties





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Not applicable.

Not applicable.

No information.

No information.

No information.

No information. 1.3 hPa

No information.

No information.

No information.

No information.

372 g/l

> 400 °C Not applicable.

1.53 g/cm3 25 °C

30 °C

20 °C

Physical state Crvstal Colour White Odour Odorless Odour threshold

Not applicable. pH value approx 4.7 200 g/l 25 °C

Melting point/freezing point 338 °C No information.

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 (q/l)

Partition coefficient: n-octanol/water

Auto-ignition temperature Decomposition temperature

Viscosity

Kinematic viscosity No information. Dynamic viscosity 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

It can sublimate.

10.3 Possibility of hazardous reactions

Violent reactions possible with alkali hydroxides, acids.

There is a risk of explosion or formation of flammable gases or vapors with halogen-halogen compounds, alkalines, alkaline substances.

Risk of explosion with nitrates, chlorates, heavy metal salts, nitrites, hydrogen cyanide, chlorine, silver salt, strong oxidizing agents.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Aluminum, lead, iron, copper, copper compounds.

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects





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Acute oral toxicity LD50 Rat: 1,410 mg/kg **OECD Test Guideline 401**

Symptoms: Irritation of mucous membranes in the mouth, throat, esophagus and gastrointestinal tract.

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Acute inhalation toxicity

Symptoms: Possible damages:, mucosal irritations

Acute dermal toxicity LD50 Rat: > 2.000 mg/kg

(ECHA)

Eye irritation

Causes serious eye irritation.

Rabbit

Result: Eye irritation

OECD Test Guideline 405

Repeated dose toxicity

male and female

Oral 90g Diary

NOAEL: 1,695.7 mg/kg **OECD Directive 408** Subchronic toxicity

11.2 Additional information

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

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

Handle in accordance with safety and hygiene rules.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish

LC50 Oncorhynchus mykiss (Rainbow trout): 42.91 mg/l; 96 h

Analytical observation: yes

US-EPA

Toxicity to daphnia and other aquatic invertebrates static test EC50 Daphnia magna (Water flea): > 100 mg/l; 48 hours Analytical observation: yes (ECHA)

Toxicity to bacteria

static test EC50 active waste: 1,310 mg/l; 0.5 h

OECD Test Guideline OECD 209

Toxicity to fish (Chronic toxicity)

flow-through test EC10 Lepomis macrochirus (Bluegill sunfish): 4.28 mg/l; 30g

Analytical observation: yes

(ECHA)

12.2 Persistence and degradability

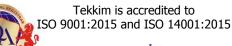
No information available.

12.3 Bioaccumulative potential

No information available.







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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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3E	CI	ION	14:	ı rans	port	intorn	nation
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ADR	IMDG	IATA	ADN	RID	
14.1 UN number					
14.2 LIN proper shipping name					

4.2 UN proper snipping 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	s It is not classified as dangerous
goods.	goods.	goods.	goods.	goods.

14.3 Transport hazard class(es)



14.4 Packing group

14.5 Environmental hazards

NO NO 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

H302 Harmful if swallowed.

H319 Causes serious eye irritation.







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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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