

Safety Data Sheet

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



Revision date 02.07.2019

Print date 02.07.2019

Version

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

1.1 Product identifier

1.2 Relevant identified uses of the substance or mixture and uses advised against TK.930111

Generic name Aluminium Chloride Hexahydrate Analytic Grade

REACH No.

CAS No. 7784-13-6

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

Relevant identified uses Pharmaceuticals.

Use of the substance / mixture

Uses advised against

Details of the supplier of the safety data sheet

Name TEKK M K MYA SAN. T C. LTD. T .

Street ORGAN ZE SAN. BÖL. M

Telephone 0224 243 21 71

E-mail tekkim@tekkim.com.tr

Company Representative Gökhan ÖZKAN

Emergency Telephone Number 0553 209 14 16 - 0553 209 14 18

SECTION 2: Hazards identification

Classification of the substance or mixture

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

Skin Corr. 1B

Full text of R-, H- and EUH-phrases: see section 16.

Safety Data Sheet

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

Article No (user)

TK.930111

Generic name

Aluminium Chloride Hexahydrate Analytic Grade

2.2 Label elements

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

Hazard pictograms



Signal word

Danger

Hazard Statements

H314 Causes severe skin burns and eye damage.

Precautionary Statements

Prevention

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

Response

P301 IF SWALLOWED:

Rinse mouth.

Do NOT induce vomiting.

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

Storage

2.3 Other hazards

SECTION 3: Composition/information on ingredients

Substances

Formula $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$ (Hill)

EC No. 231-208-1

Molar mass 241,43 g/mol

<u>Characteristic</u>	<u>CAS No</u>	<u>EC No</u>	<u>Concentration</u>	<u>Classification</u>
Aluminium Chloride Hexahydrate Analytic Grade	7784-13-6	231-208-1		;4:H314

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

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 casualty to fresh air and keep warm and at rest..
Following skin contact	Subsequently wash off with..
Following eye contact	In case of contact with eyes, rinse immediately thoroughly with plenty of edible oil and consult an ophthalmologist..
Following ingestion	Please give up to two glasses of water. Get immediate medical attention..

Safety Data Sheet

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

Article No (user)

TK.930111

Generic name

Aluminium Chloride Hexahydrate Analytic Grade

Most important symptoms and effects, both acute and delayed

Nausea. Vomiting.

Gastrointestinal complaints.

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

Water spray jet.

5.2 Special hazards arising from the substance or mixture

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.

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 discharge into sewer. Risk of explosion.

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.

Measures to prevent fire

Safety Data Sheet

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

Article No (user)

TK.930111

Generic name

Aluminium Chloride Hexahydrate Analytic Grade

Advices on general occupational hygiene

.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

. Technical measures and storage conditions. .

7.3 Specific end uses

.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values

8.2 Exposure controls

Appropriate engineering controls

Fresh air (open windows and doors) is necessary..

Personal protection equipment

Eye/face protection

Safety glasses

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 specifica

Other skin protection

Protective chlothing

Respiratory protection

Required when dusts are generated

Recommended filter type :

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

Environmental exposure controls

See section 7. Additional information about obligations under the common European environment protection regulations:..

SECTION 9: Physical and chemical Properties

Information on basic physical and chemical properties

Physical state

Solid

Colour

colourless

Safety Data Sheet

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

Article No (user)

TK.930111

Generic name

Aluminium Chloride Hexahydrate Analytic Grade

Odour	odourless
Odour threshold	does not apply
pH value	2,5 50 g/l 20 °C
Melting point/freezing point	100
Freezing point	no information
Initial boiling point and boiling range	no information
Flash point	no information
Evaporation rate	no information
Flammability (solid, gas)	no information °C
Upper/lower flammability or explosive limits	no information
Upper/lower flammability or explosive limits	no information
Vapour pressure	no information
Vapour density	no information
Density	2,40 g/cm ³ 20 °C
Relative density	no information
Water solubility (g/l)	1.330 g/l at 20 °C °C
Fat solubility (g/l)	no information °C
Partition coefficient: n-octanol/water	no information
Auto-ignition temperature	no information
Decomposition temperature	no information

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

The product is stable under storage at normal ambient temperatures..

10.3 Possibility of hazardous reactions

May produce an exothermic reaction with;

alkenes, alcohols, alkali metals, alkaline earth metals, ethylene oxide, halogen oxides, oxidizing agents, organic nitro compounds, phenols, bases

Safety Data Sheet

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

Article No (user)

TK.930111

Generic name

Aluminium Chloride Hexahydrate Analytic Grade

10.4 Conditions to avoid

.

10.5 Incompatible materials

Metal oxide smoke, toxic.

10.6 Hazardous decomposition products

No known hazardous decomposition products..

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

No information

Skin irritation

Not irritation

Eye irritation

Not irritation

11.2 Additional information

Handle in accordance with good industrial hygiene and safety practice

SECTION 12: Ecological information

12.1 Toxicity

No information

12.2 Persistence and degradability

The methods for determining the biological degradability are not applicable to inorganic

12.3 Bioaccumulative potential

No information

12.4 Mobility in soil

No information

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. It was to proceed as their products uncleaned packaging. Atyk Maddeler.

SECTION 14: Transport information

Safety Data Sheet

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

Article No (user)

TK.930111

Generic name

Aluminium Chloride Hexahydrate Analytic Grade

Land transport (ADR/RID)

UN number dangerous substances.

UN proper shipping name

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for

Tunnel restriction code

Inland waterway transport (ADN)

Limited quantity (LQ)

Special Provisions

Category

Air transport (ICAO-TI / IATA-DGR)

UN number dangerous substances.

UN proper shipping name

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for

Sea transport (IMDG)

UN number dangerous substances.

UN proper shipping name

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Storage class : 8B

Chemical Safety Assessment

.

SECTION 16: Other information

Safety Data Sheet

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

Article No (user)

TK.930111

Generic name

Aluminium Chloride Hexahydrate Analytic Grade

Relevant R-, H- and EUH-phrases (Number and full text)

H314 Causes severe skin burns and eye damage.

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

P301 IF SWALLOWED:

Rinse mouth.

Do NOT induce vomiting.

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

Prepared the Document

Name Surname : Gökhan ÖZKAN

Contact Info : 0553 209 14 18

Email Address : gokhan@tekkim.com.tr

Certificate Number: 01.52.05

TEKKİM