

SAFETY DATA SHEET
Regulation on the Safety Data Sheets Relating to Hazardous
Substances and Mixtures (R. G. 12.13.2014 - 29204)

Preparation Date: 13/01/2024

Release Date 17/01/2024

Revision number : 3

Document Number 23 -F09

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY/DISTRIBUTOR

1.1 Maddenin/Karışımın Kimliği

Commercial Product name ALSE ABC Fire Extinguishing Powder
Product description Dry Chemical Extinguishing Powder

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

Application Fire extinguishing.
It is not suitable for use in humans and animals.

1.3 Details of the manufacturer of the safety data sheet

Company's name ALSE KİMYA MİNERAL SAN. TİC. LTD. ŞTİ.
Adress Emko Sanayi Sitesi C5 Blok No:2 ESKİŞEHİR/TÜRKİYE
Phone +90 0222 228 12 14
Fax +90 0222 228 12 16
E-mail info@alsekimyamineral.com
Web site www.alsekimyamineral.com
SDS authorized person Selim BURAN

1.4 Emergency Telephone Number

Emergency consultation +90 222 228 12 14
Emergency first aid center 112
Poison counseling center 114



2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

- Eye Irrit. 2: H319 :Causes serious eye irritation.
- Skin Irrit. 2: H315: Causes skin irritation..
- STOT SE 3: H335:Causes respiratory irritation..

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2.2 Label elements

- **H319:** Causes eye irritation.
- **H315:** Causes skin irritation.
- **H335:** Causes respiratory irritation.

Precautionary Statemnets

Precaution

P260: Do not breathe dust / smoke / gas / mist / vapor / spray.

P271: Use only outside or in a well-ventilated area.

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

INTERVENTION

P312: If you feel unwell, call 114 OF THE NATIONAL POISON ADVICE CENTER or the doctor / physician.

P304 + P340: IF INHALED: Remove injured person to fresh air and keep comfortable for breathing easily.

P302 + P352: IF ON SKIN: Wash with plenty of water.

P332 + P313: If skin irritation occurs: Get medical advice / attention

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

P337 + P313: If eye irritation persists: Get medical advice / attention.

P362 + P364: Take off contaminated clothing and wash before reuse.

STORAGE

P402: Store in a dry place.

P403 + P233: Store in a well-ventilated area. Keep container tightly closed.

DISPOSAL

P501: Dispose of contents / container in accordance with local / regional / national / international regulations.

2.3 Other hazards

The product does not contain a substance which is classified as PBT or vPvB.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Ammonium salts and mineral additive fire extinguishing powder

Basic components	CAS-No	EINECS-No	Cons. (%)	SEA Class,H expressions
Monoammonium phosphate	7722-76-1	231-764-5	40 - 90	Not classified
Ammonium sulphate	7783-20-2	231-984-1	5 - 55	Not classified.
Others			5	Not classified

4. FIRST AID MEASURES

4.1 Description of first aid measures

General: Take off contaminated clothing and wash before reuse.

Inhalation: Remove the injured person to fresh air and keep them in a comfortable position for easy breathing.

Contact with skin: In case of contact with skin, wash with plenty of water.

Eye contact: Rinse carefully with water for a few minutes.

4.2 Significant symptoms and effects, both acute and delayed

Harmful if inhaled.

It is irritating in contact with the skin for a long time.

Prolonged contact with eyes is irritating.

4.3 Indication of any immediate medical attention and special treatment needed

Treat according to symptoms..

5. FIREFIGHTING MEASURES

5.1 Fire extinguishers

- Dry chemical, carbon dioxide, water and foam can be used in accordance with the other substances in the environment.

5.2 Special hazards arising from the substance or mixture

- In case of burning, carbon, sulfur, potassium and nitrogen oxides may be released.

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5.3 Advice for firefighters

- Use commonly used personal protective equipment when responding to fire.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Take control of the entrance to the relevant site. Personnel should be trained in control measures. Provide adequate ventilation for the protection of personnel. Apply exposure control and protective measures detailed in Section 8..

6.2 For Non-Emergency Personnel

Protective Equipment: Wear appropriate protective equipment to prevent contamination of skin, eyes, personal clothing.

6.3 Environmental measures:

It should be ventilated as the dust will affect the amount of air inside the working environment.

6.4 Methods and Materials for Preservation and Cleaning:

If possible, stop the leak.

Ventilate the affected area.

Place the spilled / spilled material in a suitable container / container and dispose of it according to item 13.

6.5 Recommendations for Spill Control Acquisition

It must be collected immediately and the leak stopped to prevent spread to the work site.

6.6 Recommendations for Spill Cleanup

Collect the material with a suitable brush in a container. In the meantime, use your personal protective equipment.

6.7 Other informations:

Act in accordance with local regulations.

For information on safe use, please refer to Chapter 7.

Please refer to Section 8 for information on personal protective equipment.

For information on disposal, please refer to Chapter 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Safe handling recommendations: Avoid dispersal of dust. Consider the precautions on the label.

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7.2 Conditions for safe storage, including any incompatibilities

Keep the packaging closed in a dry place. Keep away from humid and watery environments. Pallet etc. in a way not to contact with the ground. Keep it on. Keep away from environments that can create extreme temperature differences.

7.3 Specific end uses

Except for the uses specified in section 1.2, no other specific usage is foreseen..

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 Control parameters**

The product does not contain substances that require exposure limits.

Substance	EINECs No	CAS No.	OSHA / ACGIH (ECHA)
Monammonium phosphate	231-764-5	7722-76-1	-
Ammonium sulphate	231-984-1	7783-20-2	-

8.2 Exposure controls**8.2.1 Appropriate engineering controls**

Ensure that the concentration of the substance in the air does not rise by providing appropriate general or local ventilation..

8.2.2 Personal protective equipmnet

Eyes :Wear suitable goggles.

Hands :Wear dustproof protective gloves.

Skin :Wear suitable work clothes to prevent skin contact.

Respiratory : Respirator selection should be based on known or anticipated exposure levels, product hazards and the safe operating limits of the selected mask.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid, powder
Color	Cream, yellow, blue
Density	About 1,8 g/mL at 20°C
Melting point	> 210°C
Flash point	None

10. STABILITY AND REACTIVITY

10.1 Reactivity

- Product does not react dangerously

10.2 Chemical stability

- Stable under recommended ambient and storage conditions.

10.3 Possibility of harmful reactions

- Slight

10.4 Situations to avoid

- It should not be mixed with strong alkalis and BC powders.

10.5 Substance to avoid

- Strong alkalis (bases), magnesium, strong oxidants, isocyanuric acids and chlorine compounds.

10.6 Harmful decomposition products

- Carbon monoxide, carbon dioxide, sulfur dioxide.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxic effects

Acute Toxicity:

Oral; Monoammonium phosphate LD50 (rat):> 2000 mg / kg body weight.

Breathing; Irritation, coughing.

Skin Corrosion / Irritation; Dryness.

Eye Irritation; Burning, redness.

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Sensitizing Effect; None**Carcinogenicity;**None .**Mutagenicity;** None.**Reproductive system toxicity;** None.**Specific target organ toxicity** - No single exposure data available.**Specific target organ toxicity** - Repeated exposure may result from chronic exposure, as in all
dusts, pneumoconiosis or 'dusty lung'.**12. ECOLOGICAL INFORMATION****12.1 Toxicity:**Negative effects are not known. It provides nutritious nitrogen and phosphorus to
plant life.**12.2 Persistence and degradability:** Degrades rapidly in wet or humid environment .**12.3 Bioaccumulative potential:** To an unknown extent.**12.4 Mobility in soil:** Soluble in water. I can seep into groundwater.Fertilizing effect can be seen.**12.5 Results PBT ve vPvB assessment:** Does not contain PBT or vPvB substance..**12.6 Other adverse effects:** No data available..**13. DISPOSAL INFORMATION****13.1 Waste treatment methods**

- **Products:** Waste of ABC fire extinguishing powder should be delivered to an approved
recycling company.. EWC-No:160502
- **Packing:** Must be completely emptied before recycling..

14. TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods.
(IMDG, IATA, ADR / RID).

UN Number : NO

UN Proper Shipping Name : NO

Transport Hazard Class : NO

Packing Group : NO

Marine Pollutant : NO

IATA is not regulated

DOT not regulated

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15. REGULATORY INFORMATION**15.1 Special safety, health and environmental legislation for the substance or mixture**

T.R. Ministry of Environment and Urbanization, Regulation on Classification, Labeling and Packaging of Substances and Mixtures, dated December 11, 2013, No. 28848.

- T.C. Ministry of Labor and Social Security, Regulation on Health and Safety Measures in Working with Chemical Substances, dated 12 August 2013, numbered 28733.
- T.C. Ministry of Labor and Social Security, Regulation on the Use of Personal Protective Equipment at Workplaces, dated 2 July 2013 and numbered 28695.
- T.C. Ministry of Labor and Social Security, Occupational Health and Safety Law No. 6331, dated June 30, 2012.
- T.C. Ministry of Environment and Urbanization, Waste Management Regulation dated April 2, 2015 and numbered 29314.

16. OTHERS INFORMATIONS**16.1 Revisions related explanation**

This SDS was prepared for the first time within the scope of the Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures (O.G. 13.12.2014 - 29204).

16.2 Abbreviations used in the safety data sheet

ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road.

ADN: European Agreement on the International Transport of Dangerous Goods by Inland Waterways.

RID: European Agreement Relating to the International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO-TI: Technical Specifications for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

EC No: European Community number

CAS: Chemical Abstracts Service.

LD50: Dose of substance that caused 50% (half) death in the test animal group (Median Lethal Dose).

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent, Very Bioaccumulative.

SEA: Classification, labeling, packaging regulation

SHOT: Specific Target Organ Toxicity The product described in this safety data sheet may only be used for fire extinguishing purposes.

16.3 Information sources

This SDS is organized within the information received from the company that owns the product.
ECHA – www.echa.europa.eu

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The information provided is intended only as a guide for safe handling, use, processing, storage, shipping, disposal and cannot be considered a warranty or quality specification. Therefore, when using the product, it depends on many factors beyond our control. We are not responsible for any injury, accident, loss or damage caused by its use.

Certificate information is used exclusively for this SDS. No changes can be made to this SDS or the certificate information cannot be used for another SDS without the knowledge and approval of the certificate owner. Otherwise, certificate owner will not accept any responsibility for SDS.

SDS Preparing person information;❖ **Selim BURAN - ALSE KİMYA MİNERAL SANAYİ VE TİCARET LİMİTED ŞİRKETİ****PHONE: +90 222 228 12 14**❖ **Date of certification: 13.01.2021**❖ **Certificate number: GBF-A-0-3159 (TR)**