

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 27.09.2016

Revision: 13.01.2016

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

· **1.1 Product identifier**

· Trade name: **AKSAB CA-3**

· CAS Number:

1592-23-0

· EC number:

216-472-8

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

· **Sector of Use**

SU12 Manufacture of plastics products, including compounding and conversion

SU0 Other

· **Product category** PC32 Polymer preparations and compounds

· **Process category**

PROC8b Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC5 Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC3 Use in closed batch process (synthesis or formulation)

PROC1 Use in closed process, no likelihood of exposure

PROC8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

· **Environmental release category**

ERC3 Formulation in materials

ERC1 Manufacture of substances

· **Article category** AC13 Plastic articles

· **Application of the substance / the mixture** Additive

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

Akdeniz Kimya San. ve Tic. A.Ş.

Kemalpasa O.S.B.Mah.Izmir K.pasa Asfalti Cad No:45

35735 KEMALPASA IZMIR

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· **Further information obtainable from:**

Volkan GÜLBEYAZ

Akdeniz Kimya Sanayi ve Tic. A.Ş

(Contd. on page 2)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 27.09.2016

Revision: 13.01.2016

Trade name: AKSAB CA-3

(Contd. of page 1)

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· 1.4 Emergency telephone number:

National Poison Center

Skopje-MACEDONIA

Tel:+38 923147 635

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

The substance is not classified according to the CLP regulation.

· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008 Void

· Hazard pictograms Void

· Signal word Void

· Hazard statements Void

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.1 Substances

· CAS No. Description

1592-23-0 Calcium distearate

· Identification number(s)

· EC number: 216-472-8

GB

(Contd. on page 3)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 27.09.2016

Revision: 13.01.2016

Trade name: AKSAB CA-3

(Contd. of page 2)

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
 - **General information:** No special measures required.
 - **After inhalation:** Supply fresh air; consult doctor in case of complaints.
 - **After skin contact:** Generally the product does not irritate the skin.
 - **After eye contact:** Rinse opened eye for several minutes under running water.
 - **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear fully protective suit.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
 - Keep away from ignition sources.
 - Wear protective clothing.
 - Avoid formation of dust.
 - Ensure adequate ventilation

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 27.09.2016

Revision: 13.01.2016

Trade name: AKSAB CA-3

(Contd. of page 3)

· 6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13.

Pick up mechanically.

· 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage**· 7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Thorough dedusting.

Keep away from heat and direct sunlight.

Store in cool, dry place in tightly closed receptacles.

Keep receptacles tightly sealed.

· Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

· 7.2 Conditions for safe storage, including any incompatibilities**· Storage:**

· **Requirements to be met by storerooms and receptacles:** Keep container closed

· **Information about storage in one common storage facility:**

Store away from flammable substances.

Store away from oxidising agents.

Store away from foodstuffs.

· Further information about storage conditions:

Store in dry conditions.

Keep container tightly sealed.

· **7.3 Specific end use(s)** No further relevant information available.

GB

(Contd. on page 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 27.09.2016

Revision: 13.01.2016

Trade name: AKSAB CA-3

(Contd. of page 4)

SECTION 8: Exposure controls/personal protection**· Additional information about design of technical facilities:***No further data; see item 7.***· 8.1 Control parameters****· Ingredients with limit values that require monitoring at the workplace:***Not required.***· Additional information:** *The lists valid during the making were used as basis.***· 8.2 Exposure controls****· Personal protective equipment:****· General protective and hygienic measures:***Do not inhale dust / smoke / mist.**Store protective clothing separately.**Wash hands before breaks and at the end of work.**Keep away from foodstuffs, beverages and feed.**The usual precautionary measures are to be adhered to when handling chemicals.***· Respiratory protection:** *Filter P3***· Protection of hands:***Leather gloves**The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.**Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.**Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation***· Material of gloves***Leather gloves**The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.***· Penetration time of glove material***The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.***· Eye protection:** *Safety glasses*

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.09.2016

Revision: 13.01.2016

Trade name: AKSAB CA-3

(Contd. of page 5)

· **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Powder

Colour: White

· Odour: Odourless

· Odour threshold: Not determined.

· pH-value: Not applicable.

· Change in condition

Melting point/Melting range: 110-130 °C

Boiling point/Boiling range: Undetermined.

· Flash point: Not applicable.

· Flammability (solid, gaseous): Product is not flammable.

· Ignition temperature:

Decomposition temperature: Not determined.

· Self-igniting: Not determined.

· Danger of explosion: Product does not present an explosion hazard.

· Explosion limits:

Lower: 30 g/m³

Upper: Not determined.

· Vapour pressure: Not applicable.

· Density: Not determined.

· Bulk density at 20 °C: 250 kg/m³

· Relative density: Not determined.

· Vapour density: Not applicable.

· Evaporation rate: Not applicable.

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.09.2016

Revision: 13.01.2016

Trade name: AKSAB CA-3

(Contd. of page 6)

· Solubility in / Miscibility with water:	Insoluble.
· Partition coefficient (n-octanol/ water):	Not determined.
· Viscosity: Dynamic: Kinematic:	Not applicable. Not applicable.
· Solvent content: Organic solvents: VOC (EC)	0.0 % 0.00 %
· Solids content:	100.0 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** Strong oxidizing agents
- **10.6 Hazardous decomposition products:**
Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

(Contd. on page 8)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.09.2016

Revision: 13.01.2016

Trade name: AKSAB CA-3

(Contd. of page 7)

· LD/LC50 values relevant for classification:
1592-23-0 Calcium distearate

Oral	LD50	10000 mg/kg (rat)
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· Primary irritant effect:
· Skin corrosion/irritation

Based on available data, the classification criteria are not met.

· Serious eye damage/irritation

Based on available data, the classification criteria are not met.

· Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

· CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
· Germ cell mutagenicity

Based on available data, the classification criteria are not met.

· Carcinogenicity Based on available data, the classification criteria are not met.

· Reproductive toxicity

Based on available data, the classification criteria are not met.

· STOT-single exposure

Based on available data, the classification criteria are not met.

· STOT-repeated exposure

Based on available data, the classification criteria are not met.

· Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· 12.1 Toxicity
· Aquatic toxicity: No further relevant information available.

· 12.2 Persistence and degradability

No further relevant information available.

· 12.3 Bioaccumulative potential

No further relevant information available.

· 12.4 Mobility in soil No further relevant information available.

(Contd. on page 9)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.09.2016

Revision: 13.01.2016

Trade name: AKSAB CA-3

(Contd. of page 8)

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation** Smaller quantities can be disposed of with household waste.

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- **14.1 UN-Number**

- **ADR, ADN, IMDG, IATA** not regulated

- **14.2 UN proper shipping name**

- **ADR, ADN, IMDG, IATA** not regulated

- **14.3 Transport hazard class(es)**

- **ADR, ADN, IMDG, IATA**

- **Class** not regulated

- **14.4 Packing group**

- **ADR, IMDG, IATA** not regulated

(Contd. on page 10)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 27.09.2016

Revision: 13.01.2016

Trade name: AKSAB CA-3

(Contd. of page 9)

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| · 14.5 Environmental hazards: | Not applicable. |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · Transport/Additional information: | Not dangerous according to the above specifications. |
| · UN "Model Regulation": | not regulated |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
 - **Directive 2012/18/EU**
 - **Named dangerous substances - ANNEX I** Substance is not listed.
- **15.2 Chemical safety assessment:**
A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Product safety department.
- **Contact:** Mr. Volkan GÜLBAYAZ
- **Abbreviations and acronyms:**
 - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 - IMDG: International Maritime Code for Dangerous Goods
 - IATA: International Air Transport Association
 - GHS: Globally Harmonised System of Classification and Labelling of Chemicals

(Contd. on page 11)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 27.09.2016

Revision: 13.01.2016

Trade name: AKSAB CA-3

(Contd. of page 10)

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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