

**SDS acc. Hazard Communication Standard**

REF: 341985.1 FAL CMS1A.3B QuEChERS MIX 0,175 – 7,5 g

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Ver.: A 1.0.0.0

**Section 1: Identification****1.1 Product Identifier / Product Name**

REF: 341985.1

Product Name FAL CMS1A.3B QuEChERS MIX CMS1A.3B 0,175 – 7,5 g

50 x (0,175 – 7,5 g) g FAL-CMS® QuEChERS MIX 0,175 – 7,5 g

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

Product for Analytical Use. Sample clean-up &amp; extraction for pesticides testing

The Exposure scenario is integrated into sections 1-16.

**Uses advised against**

not described

**1.3 Details of the supplier and of the safety data sheet****Manufactured by:**

FA Food Allergens Laboratory LTD

38 Kalopsidas str., 7060 Livadia - Larnaka, CYPRUS

Tel.: +357 2466 99 34 E-mail: cyprus@foodallergenslab.com

**1.4 Emergency telephone number**

In case of emergency please call +30 6978118047

**Section 2: Hazard(s) identification****2.1 Classification of the substance(s) or mixture(s)****0,175 – 7,5 g FAL-CMS® QuEChERS MIX**

do not need labelling as hazardous

Signal Word -

No Hazard Class

**2.2 Safety, health and environmental regulations/legislation specific for the substance or mixture****0,175 – 7,5 g FAL-CMS® QuEChERS MIX**

do not need labelling as hazardous

Signal Word: -

**2.3 Other hazards****Possible Hazards from physicochemical Properties**

According to our current status of knowledge and experience we state, that this product does not contain any substances, which - in accordance with GHS directives and EC regulations 1272/2008/EC, 1907/2006/EC for Hazardous goods - have to be declared as dangerous goods, either because of their applied concentration or because of their total amount in anyone kit. An individual package has considerably less hazardous potential.

**Information pertaining to particular Risks to Human and possible Symptoms**

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**Information pertaining to particular Risks to the Environment**

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**Other Hazards**

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**Section 3: Composition/information on ingredients****3.1 Substances or 3.2 Mixtures****0,175 – 7,5 g FAL-CMS® QuEChERS MIX**Chemical: *Magnesium sulfate*

Weight Percent: 60 - &lt;85 %

Chemical Formula: MgSO<sub>4</sub>

TSCA Inventory: listed

RTECS: OM4500000

EC No.: 231-298-2

acc. GHS: not necessary

CAS No.:7487-88-9

Chemical: *Sodium chloride*

Weight Percent: 15 - &lt;30 %

Chemical Formula: NaCl

Synonyms: salt

TSCA Inventory: listed

RTECS: VZ4725000

EC No.: 231-598-3

acc. GHS: not necessary

CAS No.:7647-14-5

**3.3 Remarks**

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## Section 4: First-aid measures

### 4.1 Description of First aid measures

Place insured person out of danger zone to fresh air immediately.

#### 4.1.1 After SKIN Contact

Remove dust with wetted tissue. Not necessary.

#### 4.1.2 After EYE Contact

Rub dust with teardrops from eyes. Not necessary.

#### 4.1.3 After INHALATION of Vapors

Not necessary. After inhalation of dust, fresh air should be inhaled.

#### 4.1.4 After ORAL Intake

Not necessary.

### 4.2 Most important symptoms and effects, both acute and delayed

Avoid inhalation of dust. ---

### 4.3 Indication of any immediate medical attention and special treatment needed

No additional recommendations. ---

## Section 5: Fire-fighting measures

### 5.1 Extinguishable Media

Fire extinguishers appropriate to the fire classification, and, if applicable, a fire blanket must be available in a prominent location in the work area. All extinguishers like WATER FOG, WATER SPRAY, alcohol-resistant FOAM, DRY CHEMICAL, CARBON DIOXIDE can be used.

### 5.2 Special hazards arising from the substance or mixture

None.

### 5.3 Advice for firefighters

No, for listed product. Product package burns like paper or plastic.

### 5.4 Additional Information

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## Section 6: Accidental release measures

### 6.1 Personal Precautions, Protective equipment and Emergency procedure

Avoid dusting. Do not breathe dust. Not necessary.

### 6.2 Environmental precautions

not necessary

### 6.3 Methods and material for containment and cleaning up

Remove remaining dust with a vacuum cleaner. If there is no vacuum cleaner, wet dust well and remove mechanically (Inhalation protection). Clean working area with water. Flush used water into sewer.

### 6.4 Reference to other sections

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## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid dusting.

### 7.2 Conditions for safe storage, including any incompatibilities

The original product package of FA Food Allergens Laboratory Ltd allows a safe storage.

Storage class (VCI): 12

Water hazard class (DE): 1

#### 7.2.1 Conditions for safe storage, including any incompatibilities

Keep original product packages tightly closed during handling and storage.

### 7.3 Specific end use(s)

Product for analytical use.

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

0,175 – 7,5 g FAL-CMS® QuEChERS MIX

Chemical: *Magnesium sulfate*

Chemical: *Sodium chloride*

CAS No.: 7487-88-9

CAS No.: 7647-14-5

### 8.2 Exposure controls

Not necessary.

#### 8.2.1 Respiratory Protection

Not necessary.

#### 8.2.2 Hand Protection

Not necessary, recommended for often use.

#### 8.2.3 Eye/face Protection

Not necessary.

#### 8.2.4 Skin Protection

Not necessary.

#### 8.2.5 Hygiene measures

Information not necessary.

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

0,175 – 7,5 g FAL-CMS® QuEChERS MIX

Appearance: powder (solid)

Color: colorless (white)

Odor: odorless

### 9.2 Other information

Relevant Properties of Substance Group

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## Section 10: Stability and reactivity

### 10.1 Reactivity

None

### 10.2 Chemical stability

No known instability.

### 10.3 Possibility of hazardous reactions

None.

### 10.4 Conditions to avoid

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### 10.5 Incompatible materials

Not necessary.

### 10.6 Hazardous decomposition products

In the original package all parts/all reagents are safety and separated stored. Decompositions are not observed during the expiration period under recommended conditions.

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

Following information is valid for pure substances.

0,175 – 7,5 g FAL-CMS® QuEChERS MIX

Chemical: *Magnesium sulfate*

TSCA Inventory: listed

LD50 orl rat : >2000 g/cm<sup>3</sup>

LD50 drm rat : >2000 mg/kg

CAS No.: 7487-88-9

Chemical: *Sodium chloride*

TSCA Inventory: listed

LD50 orl rat : 3000 mg/kg

LD50 drm rbt : 10 g/kg

CAS No.: 7647-14-5

## Section 12: Ecological information

### 12.1 Toxicity

Following information is valid for pure chemicals.

0,175 – 7,5 g FAL-CMS® QuEChERS MIX

Chemical: *Magnesium sulfate*

LC50 pimephales promelas/96h : 680 MgX mg/L

EC50 daphnia/48h : 720 MgX mg/L

EC50 chlorella vulgaris/5d : [18d] 2700 mg/L

CAS No.: 7487-88-9

Chemical: *Sodium chloride*

CAS No.: 7647-14-5

### 12.2 Persistence and degradability

not necessary

### 12.3 Bioaccumulative potential

not necessary

### 12.4 Mobility in soil

not necessary

### 12.5 Results of PBT and vPvB assessment

no data available

### 12.6 Other adverse effects

no additional data available

## Section 13: Disposal considerations

Not necessary.

### 13.1 Waste treatment methods

GENERAL: Empty solids into municipal waste, empty liquids diluted into drains

## Section 14: Transport information

1 4.1. -14.4. Not necessary

### 14.5 Environmental hazards

not necessary

### 14.6 Special precautions for user

not necessary

### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

not applicable

## Section 15: Regulatory information

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

#### U.S. Federal Regulations

OSHA "A Guide to The Globally Harmonized System of Classification and Labelling of Chemicals (GHS)"

<https://www.osha.gov/dsg/hazcom/ghs.html>

29 CFR 1910.1200 Hazard communication.

### 15.2 Chemical safety assessment

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## Section 16: Other information

### 16.1 List of Hazard and Precaution Phrases

#### 16.1.1 List of relevant H Phrases

#### 16.1.2 List of relevant P Phrases

### 16.2 Training Advice

Regular safety training.

### 16.3 Recommended Restriction on Use

None

### 16.4 Further Information

FA Food Allergens Laboratory LTD provides the information contained herein in good faith being up-to-date of own realizations at revision time. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose. FA Food Allergens Laboratory LTD makes NO REPRESENTATIONS or WARRANTIES, either expressed or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly FA Food Allergens Laboratory LTD will not be responsible for damages resulting from use of or reliance upon this information. See terms and conditions at the end of our price lists for additional information.

### 16.5 Sources of Key Data

GHS: EU Regulation 1272/2008/EC on Classification, Labelling and Packaging of Substances and Mixtures, amending and repealing

EU Directives 67/548/EEC and 1999/45/EC, and amending EU Regulation 1907/2006/EC

MSDS: EU Regulation 453/2010/EU REACH - Requirements for the Compilation of Safety Data Sheets

#### Revisions/Updates

Reason for Revision: 2016-03 Adaptation of European regulation 1221/2015/EU