

# Safety Data Sheet

according to 91/155/EWG and §14 GefStoffV

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## 1 Identification of the substance and of the company

### 1.1 Substance identification

Name of substance **Camallite**

Commercial name **EMGESAL FLUX 0 ... EMGESAL FLUX 18**

### 1.2 Company identification

1.2.1 Name  
Address

Phone

1.2.2 Person responsible

1.2.3 In an emergency situation

## 2 Composition / Information on ingredients

### 2.1 Chemical characterisation

2.1.1 Description **EMGESAL FLUX is a mixed salt with the main ingredients MgCl<sub>2</sub>, KCl, NaCl and CaF<sub>2</sub>**

2.1.2 CAS-No.	Name (ref. to EEC-directive)	Symbol	R-Phrase	EINECS-No.
7789-75-5	Calcium flouride (0 - 18%)	not applicable	not applicable	232 188 7
7447-40-7	Potassium chloride	not applicable	not applicable	231 211 8
7791-18-6	Magnesium chloride	not applicable	not applicable	232 094 6
7647-14-5	Sodium chloride	not applicable	not applicable	231 598 3

## 3 Hazards identification

3.1 Indication of hazard **Not applicable.**

3.2 Critical hazards to man and environment **Material is hygroscopic.**

## 4 First aid

4.1 Eyes **Irrigate with plenty of water immediately. Seek medical attention!**

4.2 Skin **Wash with soap or mild detergent and water.**

## 5 Fire preventing measures

5.1 Fire fighting procedure **Not applicable.**

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## 6 Measures in case of accidental dispersion

- |     |                           |  |
|-----|---------------------------|--|
| 6.1 | Personal precautions      | Take individual protective measures.           |
| 6.2 | Environmental precautions | Not applicable.                                |
| 6.3 | Methods for cleaning up   | Pick up the product mechanically in a dry way. |

## 7 Handling and storage

- |       |                               |  |
|-------|-------------------------------|--|
| 7.1   | Handling                      |  |
| 7.1.1 | Precautions for safe handling | Not applicable.                                  |
| 7.2   | Storage                       |  |
| 7.2.1 | Conditions for safe storing   | Protect of humidity, store under dry conditions. |

## 8 Exposure controls / Personal protection

- |       |   |  |
|-------|---|--|
| 8.1   | Occupational expose limit (OEL)                 | Not applicable.  |
| 8.2   | Recommended individual protection               |  |
| 8.2.1 | Universally protection- and hygienic precaution | Pay attention to profession associations instructions. |
| 8.2.2 | Respiratory organs                              | Not applicable.  |
| 8.2.3 | Hands   | Rubber gloves.   |
| 8.2.4 | Eyes  | Safety goggles.  |
| 8.2.5 | Skin  | Not applicable.  |

## 9 Physical and chemical properties

- |     |                                       |   |
|-----|---------------------------------------|---|
| 9.1 | Appearance                            | flakes                                      |
| 9.2 | Colour                                | white-beige                                 |
| 9.3 | Odour                                 | odourless                                   |
| 9.4 | Fusion point                          | ca. 370 - 450 °C (depending on composition) |
| 9.5 | Specific gravity (T = 20 °C):         | ca. 2,2 g/cm <sup>3</sup>                   |
| 9.6 | Bulk density (T = 20 °C)              | ca. 1,25 g/cm <sup>3</sup>                  |
| 9.7 | Water solubility (T = 20 °C)          | ca. 300 - 450 g/l                           |
| 9.8 | pH according to DIN 53200 (T = 20 °C) | 9,1 - 9,3                                   |

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## 10 Stability and reactivity

### 10.1 Conditions to avoid

Material is hygroscopic, splitting of HCl after absorption of humidity at temperatures of above 100 °C.

### 10.2 Materials to avoid

Not applicable.

## 11 Toxicological information

### 11.1 Remark

Not applicable.

## 12 Ecological information

### 12.1 Remark

The ingredients are part of sea-water.

## 13 Disposal considerations

### 13.1 Comment

Still usable after picked up mechanically in a dry way. Small quantities can be discharged into sewers if diluted with large quantities of water. Refer to current local or national legislation.

## 14 Transport information

### 14.1 Land transport ADR/RID and GGVS/GGVE

#### 14.1.1 Remarks

No reference code necessary.

### 14.2 Inland navigation transport ADN/ADR

#### 14.2.1 Remarks

No reference code necessary.

### 14.3 Sea navigation transport IMDG/GGVSea

#### 14.2.1 IMDG/GGVSea-Class

No reference code necessary.

### 14.4 Air transport ICAO-TI and IATA-DGR

#### 14.4.1 ICAO/IATA-Class

No reference code necessary.

## 15 Regulatory information

### 15.1 Labeling according to EEC directives

#### 15.1.1 Symbol and classification of the substance

The composition and the ingredients are no hazard materials according to EEC directives.

#### 15.1.2 R-Phrases

Not applicable.

#### 15.1.3 S-Phrases

Not applicable.

### 15.2 National measures

#### 15.2.1 Water endangering class

WGK 0

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### 16 Other information

#### 16.1 Issuing department:

Sales department

##### 16.1.2 Person responsible

Mr. Rohmann

#### 16.2 Remarks

This safety data sheet completes the technical utilization notes but not replace them, the data which they contain are based on the state of our knowledge of the concerned product at the given date and are given in good faith. The user should also be aware of the risks that may occur when a product is used for other uses than the ones it has been designed for.

The data sheet do not exempt the user from knowing and applying the entirety of texts which regulate his activity. The user will be fully responsible for the precautions that are necessary for the use that he will make of the product.