

**Van Meeuwen**   
IMPROVING INDUSTRIES  
**FOODCARE® CALX GREASE 2**  
Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 7-6-2011    Revision date: 31-12-2021    Supersedes version of: 14-12-2015

Version: **3.0**

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

**1.1. Product identifier**

Product form : Mixture  
Product name : FOODCARE® CALX GREASE 2  
Product code : 241245903  
Type of product : Use in lubricants

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

**1.2.1. Relevant identified uses**

Main use category : Industrial  
Use of the substance/mixture : Lubricating grease

**1.2.2. Uses advised against**

No additional information available

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

Van Meeuwen Lubrication BV  
Leeuwenveldseweg 5a  
1382 LV WEESP The Netherlands  
Technical Support Department  
T +31 (0) 294 494 494  
technicalsupport@vanmeeuwen.com

Van Meeuwen Lubrication NV  
Bauwensplein 13/7  
9300 Aalst  
Belgium  
T +32 (0) 53767600  
technicalsupport@vanmeeuwen.com

**1.4. Emergency telephone number**

Emergency number : NL: +31 294 494 494 | EU: 112 // BE: +32 53 76 76 00 | EU: 112

| Country     | Organisation/Company   | Address   | Emergency number | Comment  |
|-------------|--|---|------------------|--|
| Belgium     | Centre Anti-Poisons/Antigifcentrum<br>c/o Hôpital Militaire Reine Astrid | Rue Bruyn 1<br>1120 Bruxelles/Brussels                      | +32 70 245 245   | Please dial: 070 245 245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee) |
| Netherlands | Nationaal Vergiftigingen Informatie Centrum                              | Huispostnummer B.00.118<br>Postbus 85500<br>3508 GA Utrecht | +31 88 755 80 00 | Only for the purpose of informing medical personnel in cases of acute intoxications  |

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

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

Not classified

**Adverse physicochemical, human health and environmental effects**

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

### 2.2. Label elements

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

No labelling applicable

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).   |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.   |
| First-aid measures after skin contact | : Remove contaminated clothes. Wash skin with plenty of water. Get medical advice if skin irritation persists.  |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists. |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.   |

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

Symptoms/effects after skin contact : Prolonged or repeated contact may cause skin to become dry or cracked.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

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

Fire hazard : Non flammable.

Explosion hazard : No direct explosion hazard.

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO<sub>2</sub>).

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Caution : this product can cause the floor to be slippery.

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Avoid release to the environment.

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

|                         |   |
|-------------------------|---|
| For containment         | : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.  |
| Methods for cleaning up | : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Sweep or shovel spills into appropriate container for disposal. |
| Other information       | : Dispose in a safe manner in accordance with local/national regulations. Dispose of materials or solid residues at an authorized site.                     |

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". Concerning disposal elimination after cleaning, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                                   |  |
|-----------------------------------|--|
| Additional hazards when processed | : If spilled, may cause the floor to be slippery.  |
| Precautions for safe handling     | : Concerning personal protective equipment to use, see section 8. Provide good ventilation in process area to prevent formation of vapour. |
| Hygiene measures                  | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.  |

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

|                           |   |
|---------------------------|---|
| Storage conditions        | : Keep only in the original container in a cool well ventilated place. Keep container closed when not in use. |
| Storage temperature       | : < 50 °C   |
| Heat and ignition sources | : Keep away from heat and direct sunlight.  |

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

##### 8.2.2.1. Eye and face protection

###### Eye protection:

Eye protection should only be necessary where liquid could be splashed or sprayed. DIN EN 166

##### 8.2.2.2. Skin protection

###### Skin and body protection:

Long sleeved protective clothing. CEN : EN 340; EN 369; EN 465

###### Hand protection:

Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

##### 8.2.2.3. Respiratory protection

###### Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation

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### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                                |
|---|--------------------------------|
| Physical state                                  | : Solid                        |
| Colour  | : Light yellow.                |
| Odour   | : mineral oil.                 |
| Odour threshold                                 | : Not available                |
| Melting point                                   | : Not available                |
| Freezing point                                  | : Not available                |
| Boiling point                                   | : Not available                |
| Flammability                                    | : Not available                |
| Explosive limits                                | : Not applicable               |
| Lower explosive limit (LEL)                     | : Not applicable               |
| Upper explosive limit (UEL)                     | : Not applicable               |
| Flash point                                     | : > 150 °C                     |
| Auto-ignition temperature                       | : Not applicable               |
| Decomposition temperature                       | : Not available                |
| pH  | : Not available                |
| pH solution                                     | : Not available                |
| Viscosity, kinematic                            | : NLGI 2                       |
| Solubility                                      | : Material insoluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                |
| Vapour pressure                                 | : Not available                |
| Vapour pressure at 50 °C                        | : Not available                |
| Density   | : < 1000 kg/m <sup>3</sup>     |
| Relative density                                | : Not available                |
| Relative vapour density at 20 °C                | : Not applicable               |
| Particle size                                   | : Not available                |
| Particle size distribution                      | : Not available                |
| Particle shape                                  | : Not available                |
| Particle aspect ratio                           | : Not available                |
| Particle aggregation state                      | : Not available                |
| Particle agglomeration state                    | : Not available                |
| Particle specific surface area                  | : Not available                |
| Particle dustiness                              | : Not available                |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

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### 10.4. Conditions to avoid

Extremely high or low temperatures. Keep out of direct sunlight.

### 10.5. Incompatible materials

Not established.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                                   |  |
|-----------------------------------|--|
| Acute toxicity (oral)             | : Not classified   |
| Acute toxicity (dermal)           | : Not classified   |
| Acute toxicity (inhalation)       | : Not classified   |
| Skin corrosion/irritation         | : Prolonged or repeated contact may cause skin to become dry |
| Serious eye damage/irritation     | : Not classified   |
| Respiratory or skin sensitisation | : Not classified   |
| Germ cell mutagenicity            | : Not classified   |
| Carcinogenicity                   | : Not classified   |
| Reproductive toxicity             | : Not classified   |
| STOT-single exposure              | : Not classified   |
| STOT-repeated exposure            | : Not classified   |
| Aspiration hazard                 | : Not classified   |

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|                      |        |
|----------------------|--------|
| Viscosity, kinematic | NLGI 2 |
|----------------------|--------|

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |                  |
|---|------------------|
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

### 12.2. Persistence and degradability

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|                               |   |
|-------------------------------|---|
| Persistence and degradability | Product is biodegradable with difficulty. |
|-------------------------------|---|

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

#### FOODCARE® CALX GREASE 2

|                |   |
|----------------|---|
| Ecology - soil | Material insoluble in water. Product adsorbs onto the soil. |
|----------------|---|

### 12.5. Results of PBT and vPvB assessment

#### FOODCARE® CALX GREASE 2

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|  |  |
|--|--|
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations.                                |
| Additional information                     | : Empty containers should be taken for recycling, recovery or waste in accordance with local regulation. |
| Ecology - waste materials                  | : Avoid release to the environment.  |

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### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                     | IMDG          | IATA          | ADN           | RID           |
|---|---------------|---------------|---------------|---------------|
| <b>14.1. UN number or ID number</b>     |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.2. UN proper shipping name</b>    |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |

No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Inland waterway transport

Not regulated

#### Rail transport

Not regulated

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

##### 15.1.2. National regulations

###### Netherlands

ABM category : Not determined

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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### SECTION 16: Other information

| Indication of changes |                                     |          |          |
|-----------------------|-------------------------------------|----------|----------|
| Section               | Changed item                        | Change   | Comments |
|                       | Revision date                       | Modified |          |
|                       | Supersedes                          | Modified |          |
|                       | SDS EU format                       | Modified |          |
| 1.1                   | Name                                | Modified |          |
| 6.1                   | Protective equipment                | Modified |          |
| 6.2                   | Environmental precautions           | Modified |          |
| 6.3                   | Methods for cleaning up             | Modified |          |
| 6.3                   | Other information                   | Modified |          |
| 6.4                   | Reference to other sections (8, 13) | Modified |          |
| 8.2                   | Environmental exposure controls     | Added    |          |
| 8.2                   | Other information                   | Modified |          |
| 8.2                   | Skin and body protection            | Modified |          |
| 8.2                   | Hand protection                     | Modified |          |
| 8.2                   | Eye protection                      | Modified |          |
| 16                    | Abbreviations and acronyms          | Modified |          |
| 16                    | Data sources                        | Modified |          |

| Abbreviations and acronyms |   |
|----------------------------|---|
| CLP                        | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |
| REACH                      | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| PBT                        | Persistent Bioaccumulative Toxic  |
| vPvB                       | Very Persistent and Very Bioaccumulative  |
| ADR                        | European Agreement concerning the International Carriage of Dangerous Goods by Road               |
| IATA                       | International Air Transport Association   |
| IMDG                       | International Maritime Dangerous Goods  |
| RID                        | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| LC50                       | Median lethal concentration   |
| LD50                       | Median lethal dose  |
| SDS                        | Safety Data Sheet   |
| CAS                        | CAS (Chemical Abstracts Service) number   |
| EG-nr                      | EINECS- en ELINCS-number  |
| EINECS                     | European Inventory of Existing Commercial Substances  |
| ADN                        | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways   |
| NOEC                       | No-Observed Effect Concentration  |
| STOT                       | Specific Target Organ Toxicity  |
| PNEC                       | Predicted No-Effect Concentration   |
| OEL                        | Occupational Exposure Limit   |

Data sources

: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

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### Other information

#### : REACH Disclaimer:

This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

### Safety Data Sheet applicable for regions

: NL - Netherlands; BE - Belgium

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