

**Safety data sheet**  
according to (EU) 2015/830

Printing date 27.11.2017

Version number 1.1

Revision: 27.11.2017

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

· **1.1 Product identifier**

· **Trade name: WHITE GREASE**

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.

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

Grease

Only for proper handling.

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

· **Manufacturer/Supplier:**

BUCHER\_AG\_LANGENTHAL  
MOTOREX-Schmiertechnik  
Bern-Zürich-Strasse\_31\_\_  
CH-4901\_Langenthal\_\_  
Telefon\_+41\_(0)62\_919\_75\_75

· **Only representative in EU:**

MOTOREX Deutschland AG, Bismarckstrasse 28, D-69198 Schriesheim

· **Further information obtainable from: [msds@motorex.com](mailto:msds@motorex.com)**

· **1.4 Emergency telephone number:**

In case of a medical emergency following exposure to a chemical, the public should call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only).

**SECTION 2: Hazards identification**

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

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

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

· **2.2 Label elements**

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

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

· **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P273 Avoid release to the environment.

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

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

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### SECTION 3: Composition/information on ingredients

#### · 3.2 Chemical characterisation: Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

#### · **Dangerous components:**

CAS: 95-38-5 EINECS: 202-414-9 Reg.nr.: 01-2119777867-13	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol STOT RE 2, H373; Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302	0.25-1%
CAS: 110-25-8 EINECS: 203-749-3 Reg.nr.: 01-2119488991-20	oleoylsarcosine Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H332; Skin Irrit. 2, H315	0.25-1%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

#### · **After skin contact:**

Remove residues with soap and water.

Remove contaminated clothing immediately.

· **After eye contact:** Rinse opened eye for several minutes under running water.

#### · **After swallowing:**

Do not induce vomiting. Do not take in resorption stimulating agents.

Consult a physician who will decide on need and method of emptying the stomach.

#### · 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:**

Use fire extinguishing methods suitable to surrounding conditions.

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

No further relevant information available.

#### · 5.3 Advice for firefighters

· **Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

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

Not required.

#### · 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

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.

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**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** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Storage class:** 11
- **7.3 Specific end use(s)** No further relevant information available.

### 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:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**DNELs****95-38-5 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol**

Dermal	DNEL / Workers / Systemic effects / Long-term	0.06 mg/kg/24h (worker)
	DNEL/Workers/Systemic effects/ acute-short term	2 mg/kg/24h (worker)
Inhalative	DNEL / Workers / Systemic effects / Long-term	0.46 mg/m3 (worker)
	DNEL/Workers/Systemic effects/ acute-short term	14 mg/m3 (worker)

**110-25-8 oleoylsarcosine**

Oral	DNEL/general population/Systemic effects/Long-term	5 mg/kg/24h (consumer)
	DNEL/general pop/Systemic effects/ acute-short term	92 mg/kg/24h (consumer)
Dermal	DNEL / Workers / Systemic effects / Long-term	10 mg/kg/24h (worker)
	DNEL/Workers/Systemic effects/ acute-short term	100 mg/kg/24h (worker)
	DNEL/general population/Systemic effects/Long-term	5 mg/kg/24h (consumer)
	DNEL/general pop/Systemic effects/ acute-short term	50 mg/kg/24h (consumer)

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<i>Inhalative</i>	<i>DNEL / Workers / Systemic effects / Long-term</i>	0.2 mg/m <sup>3</sup> (worker)
	<i>DNEL/Workers/Systemic effects/acute-short term</i>	18 mg/m <sup>3</sup> (worker)
	<i>DNEL/Workers/Local effects/acute-short term</i>	18 mg/m <sup>3</sup> (worker)
	<i>DNEL / Workers / Local Effects / Long-term</i>	0.01 mg/m <sup>3</sup> (worker)
	<i>DNEL/general population/Systemic effects/Long-term</i>	0.1 mg/m <sup>3</sup> (consumer)
	<i>DNEL/general pop/Systemic effects/acute-short term</i>	9 mg/m <sup>3</sup> (consumer)
	<i>DNEL/general pop/Local effects/acute-short term</i>	9 mg/m <sup>3</sup> (consumer)
	<i>DNEL/general population/Local effects/Long-term</i>	0.005 mg/m <sup>3</sup> (consumer)

· **PNECs****95-38-5 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol**

<i>PNEC / Aquatic organisms / Freshwater</i>	0.00003 mg/l (aquatic organisms)
<i>PNEC / Aquatic organisms / Marine water</i>	0.000003 mg/l (aquatic organisms)
<i>PNEC/Aquatic org/intermittent releases(freshwater)</i>	0.0003 mg/l (aquatic organisms)
<i>PNEC/Aquatic organisms/Sewage treatment plant/STP</i>	0.27 mg/l (aquatic organisms)
<i>PNEC / Aquatic organisms / Sediment (freshwater)</i>	0.376 mg/kg (aquatic organisms)
<i>PNEC / Aquatic organisms / Sediment (marine water)</i>	0.0376 mg/kg (aquatic organisms)
<i>PNEC / Terrestrial organism / Soil</i>	0.075 mg/kg (terrestrial organisms)

**110-25-8 oleoylsarcosine**

<i>PNEC / Aquatic organisms / Freshwater</i>	0.00043 mg/l (aquatic organisms)
<i>PNEC / Aquatic organisms / Marine water</i>	0.000043 mg/l (aquatic organisms)
<i>PNEC/Aquatic org/intermittent releases(freshwater)</i>	0.0043 mg/l (aquatic organisms)
<i>PNEC/Aquatic organisms/Sewage treatment plant/STP</i>	13 mg/l (aquatic organisms)

· **Additional information:** The lists valid during the making were used as basis.· **8.2 Exposure controls**· **Personal protective equipment:**· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

· **Respiratory protection:**

Not necessary if room is well-ventilated.

Respiratory protection if formation of aerosol or mist: use mask with filter type A2, A2/P2 or ABEK.

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- **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

Protective gloves to EN374, resistant to oil in use. Standard EN 374 Level 3 control G1

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.

Fluorocarbon rubber (Viton)

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.4$  mm

- **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.

For the mixture of chemicals mentioned below the penetration time has to be at least 60 minutes (Permeation according to EN 374 Part 3: Level 1).

- **Eye protection:** Not required.

- **Body protection:** Protective work clothing

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Pasty

Colour: White

- **Odour:** Characteristic

- **Odour threshold:** Not determined.

- **pH-value:** Not applicable.

- **Change in condition**

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: Undetermined.

Drip point:  $>180$  °C

- **Flash point:**  $>200$  °C

- **Flammability (solid, gas):** Not determined.

- **Ignition temperature:**

Decomposition temperature: Not determined.

- **Auto-ignition temperature:** Product is not selfigniting.

- **Explosive properties:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower: Not determined.

Upper: Not determined.

- **Vapour pressure:** Not applicable.

- **Density at 20 °C:** 0.96 g/cm<sup>3</sup> (ASTM D 4052)

- **Relative density** Not determined.

- **Vapour density** Not applicable.

- **Evaporation rate** Not applicable.

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- |  |  |
|--|--|
| <b>· Solubility in / Miscibility with water:</b> | Insoluble.                                 |
| <b>· Partition coefficient: n-octanol/water:</b> | Not determined.                            |
| <b>· Viscosity:</b>                              | NLGI 2                                     |
| <b>· Dynamic:</b>                                | Not applicable.                            |
| <b>· Kinematic:</b>                              | Not applicable.                            |
| <b>· VOC (EC)</b>                                | 0.00 %                                     |
| <b>· 9.2 Other information</b>                   | 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:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

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

· **LD/LC50 values relevant for classification:**

**95-38-5 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol**

Oral	LD50	1,000-1,265 mg/kg (rat)
	NOAEL	20 mg/kg/24h (rat)

**110-25-8 oleoylsarcosine**

Oral	LD50	5,000 mg/kg (rat)
	NOAEL	1,000 mg/kg/24h (rat)
Inhalative	LC50 / 1h	1.8-3.7 mg/l (rat)
	LC50 / 4h	1.01-1.85 mg/l (rat)
	NOEL	6 mg/m3 (rat)
	NOAEC	60 mg/m3 (rat)

- **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.

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· **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

· **12.1 Toxicity**· **Aquatic toxicity:****95-38-5 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol**

LC0	0.18 mg/l/96h (fish)
LC100	0.58 mg/l/96h (fish)
EC10	0.0122-0.0143 mg/l/72h (algae / cyanobacteria)
EC50	0.0169-0.03 mg/l/72h (algae / cyanobacteria)
EC100	0.326 mg/l/48h (aquatic invertebrates)
EC0	0.064 mg/l/48h (aquatic invertebrates)
EC50	0.163 mg/l/48h (aquatic invertebrates)
NOEC	0.011 mg/l/72h (algae / cyanobacteria)

**110-25-8 oleoylsarcosine**

LC50	9.3 mg/l/96h (fish)
EC50	1,300 mg/l/3h (microorganisms)
EC50	6.3 mg/l/72h (algae / cyanobacteria)
EC50	0.43 mg/l/48h (aquatic invertebrates)
NOEC	0.91 mg/l/72h (algae / cyanobacteria)
NOEC	6.81 mg/l/96h (fish)
NOEC	0.38 mg/l/48h (aquatic invertebrates)
NOEC	10 mg/l/3h (microorganisms)

· **12.2 Persistence and degradability** No further relevant information available.· **12.3 Bioaccumulative potential****95-38-5 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol**

Biodegradability	1 % (28d) (Biodegradability) (OECD 301 B)
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**110-25-8 oleoylsarcosine**

Partition coefficient	3.5-4.2 [---] (log Kow) (Bioaccumulation)
Biodegradability	85.2 % (28d) (Biodegradability) (OECD 301 B)

· **12.4 Mobility in soil** No further relevant information available.· **Ecotoxicological effects:**· **Remark:** Harmful to fish· **Additional ecological information:**· **General notes:**

Water hazard class 2 (German Regulation) (Self-classification according VwVwS, 17.05.1999): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

· **12.5 Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.· **12.6 Other adverse effects** No further relevant information available.

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### SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

· **European waste catalogue**

12 01 12*	spent waxes and fats
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· **Uncleaned packaging:**

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

### SECTION 14: Transport information

· **14.1 UN-Number**

· **ADR/RID/ADN, ADN, IMDG, IATA**                      Void

· **14.2 UN proper shipping name**

· **ADR/RID/ADN, ADN, IMDG, IATA**                      Void

· **14.3 Transport hazard class(es)**

· **ADR/RID/ADN, ADN, IMDG, IATA**

· **Class**    Void

· **14.4 Packing group**

· **ADR/RID/ADN, IMDG, IATA**                              Void

· **14.5 Environmental hazards:**

· **Marine pollutant:**    No

· **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.

· **UN "Model Regulation":**

Void

### 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** None of the ingredients is listed.

· **National chemical directories**

Components listed or exempted from listing:

TSCA (USA)

DSL/NDSL (CDN)

ENCs/METI (J)

AICS (Aus)

IECSC (CN)

EINECS/ELINCS/NLP (EU)

ECL/KECI (KOR)

PICCS (RP)

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· **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.*

*The classification of the mixture was carried out by calculation in accordance with the rules laid down in Annex I of Regulation (EC) No 1272/2008.*

*No special training instructions to ensure protection of human health and environment are required.*

· **Relevant phrases**

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

· **Department issuing SDS:** Abteilung Produktsicherheit

· **Abbreviations and acronyms:**

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· \* **Data compared to the previous version altered.**

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