## EC safety data sheet



Trade name: LHL-X100 Product no.: 2007-2 Current version : 2.0.0, issued: 10.01.2018

Replaced version: 2.0.0, issued: 07.12.2017

Region: GB

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

#### 1.1 Product identifier

Trade name

#### LHL-X100

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

Relevant identified uses of the substance or mixture Grease

Uses advised against No data available.

#### 1.3 Details of the supplier of the safety data sheet

#### Address

KAA-Europa GmbH Am Stauweiher 1 51688 Wipperfürth

Telephone no.	+49 2267 - 8729-13
Fax no.	+49 2267 - 8729-26
e-mail	info@kaa-europa.com

# Advice on Safety Data Sheet info@umco.de

#### 1.4 Emergency telephone number

For medical advice (in German and English): +49 (0)551 192 40 (Giftinformationszentrum Nord)

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

#### **Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

#### 2.2 Label elements Not relevant

Not relevant

### 2.3 Other hazards

No data available.

#### **SECTION 3:** Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

**Chemical characterization** Mixture (preparation)

#### **Hazardous ingredients**

This product does not contain substances to be mentioned according to EU Regulation No 1907/2006 (REACH), annex II.

#### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

#### **General information**

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

Product no.: 2007-2

Current version : 2.0.0, issued: 10.01.2018

#### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

#### After skin contact

When in contact with the skin, clean with soap and water.

#### After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

#### After ingestion

Seek medical advice immediately. Rinse mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

# **4.2 Most important symptoms and effects, both acute and delayed** No data available.

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

No data available.

#### **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

#### Suitable extinguishing media

Alcohol-resistant foam; Dry chemical extinguisher; Carbon dioxide; Water spray jet

#### Unsuitable extinguishing media

High power water jet

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

In the event of fire, the following can be released: Carbon dioxide (CO2); Carbon monoxide (CO)

#### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

#### SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

#### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

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

Take up mechanically. When picked up, treat material as prescribed under heading "Disposal considerations". Risk of slipping due to leakage/spillage of product.

#### 6.4 Reference to other sections

No data available.

#### **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

#### Advice on safe handling

Provide good ventilation at the work area (local exhaust ventilation, if necessary). Avoid eye, skin and clothing contact.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Provide eye wash fountain in work area.

Product no.: 2007-2 Current version : 2.0.0. issued: 10.01.2018

Replaced version: 2.0.0, issued: 07.12.2017

Region: GB

Advice on protection against fire and explosion Keep away from sources of heat and ignition.

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

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage.

#### Advice on storage assembly

Do not store together with: Oxidizing agents

#### 7.3 Specific end use(s)

No data available.

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

No parameters available for monitoring.

#### 8.2 Exposure controls

Appropriate engineering controls

No data available.

#### Personal protective equipment

#### **Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

#### Eye / face protection

Safety glasses (EN 166)

#### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product . Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Other

Normal chemical work clothing.

#### Environmental exposure controls

No data available.

#### **SECTION 9: Physical and chemical properties**

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

Form/Colour		
pasty		
yellow		
Odour		
characteristic		

Product no.: 2007-2

Current version : 2.0.0, issued: 10.01.2018

Region: GB

Odour threshold			
No data available			
pH value			
No data available			
Boiling point / boiling range			
No data available			
Melting point / melting range			
No data available			
Decomposition point / decomposition range			
No data available			
Drenning neint			
Dropping point Value	>	160	٥
	>	100	6
Flash point			
Value	>	200	°C
Method	Setaflash		
Auto-ignition temperature			
No data available			
Oxidising properties			
No data available			
Explosive properties Product does not present an explosion hazard.			
Flammability (solid, gas)			
No data available			
Lower flammability or explosive limits			
No data available			
Upper flammability or explosive limits			
No data available			
Vapour pressure No data available			
Vapour density			
No data available			
Evaporation rate			
No data available			
Relative density			
No data available			
Density			
Value		0.90	g/cm <sup>3</sup>
Reference temperature		25	°C
· · · ·			
Solubility in water	line a huh la		
Remarks	insoluble		



Product no.: 2007-2 Current version : 2.0.0, issued: 10.01.2018

Replaced version: 2.0.0, issued: 07.12.2017

Region: GB

#### Solubility(ies)

No data available Partition coefficient: n-octanol/water No data available

### Viscosity

No data available

#### 9.2 Other information

Other information No data available.

### **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

No data available.

#### **10.2 Chemical stability** Stable under recommended storage and handling conditions (See section 7).

- **10.3 Possibility of hazardous reactions** No data available.
- **10.4 Conditions to avoid** Protect from heat and direct sunlight.
- **10.5** Incompatible materials Oxidizing agents
- **10.6 Hazardous decomposition products** No data available.

Product no.: 2007-2

Current version : 2.0.0, issued: 10.01.2018

Region: GB

### **SECTION 11: Toxicological information**

### 11.1 Information on toxicological effects

Acute oral toxicity	
No data available	
Acute dermal toxicity	
No data available	
Acute inhalational toxicity	
No data available	
Skin corrosion/irritation	
No data available	
Serious eye damage/irritation	
No data available	
Respiratory or skin sensitisation	
No data available	
Germ cell mutagenicity	
No data available	
Reproduction toxicity	
No data available	
Carcinogenicity	
No data available	
STOT - single exposure	
No data available	
STOT - repeated exposure	
No data available	
Aspiration hazard	
No data available	



Product no.: 2007-2 Current version : 2.0.0, issued: 10.01.2018

Region: GB

#### **SECTION 12: Ecological information**

#### 12.1 Toxicity

To	xicity	to to	fish	(acute)	)
NI-	-1-4-		- 11 - I- I -	_	

No data available

#### Toxicity to fish (chronic) No data available

Toxicity to Daphnia (acute) No data available

#### Toxicity to Daphnia (chronic) No data available

Toxicity to algae (acute) No data available

### Toxicity to algae (chronic)

No data available

#### Bacteria toxicity

No data available

#### 12.2 Persistence and degradability

No data available.

#### **12.3 Bioaccumulative potential** No data available.

- **12.4 Mobility in soil** No data available.
- **12.5 Results of PBT and vPvB assessment** No data available.
- **12.6 Other adverse effects** No data available.

#### 12.7 Other information

Do not discharge product unmonitored into the environment.

#### **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

#### Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

#### Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

Other information

Product no.: 2007-2

Current version : 2.0.0, issued: 10.01.2018

Replaced version: 2.0.0, issued: 07.12.2017

Region: GB

#### **SECTION 14: Transport information**

#### **14.1 Transport ADR/RID/ADN** The product is not subject to ADR/RID/ADN regulations.

#### **14.2 Transport IMDG** The product is not subject to IMDG regulations.

- **14.3** Transport ICAO-TI / IATA The product is not subject to ICAO-TI / IATA regulations.
- **14.4** Other information No data available.
- **14.5** Environmental hazards Information on environmental hazards, if relevant, please see 14.1 - 14.3.
- **14.6** Special precautions for user No data available.
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not relevant

#### **SECTION 15: Regulatory information**

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

#### Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

#### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

#### **SECTION 16: Other information**

#### Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

#### Department issuing safety data sheet

UMCO GmbH

Georg-Wilhelm-Str. 187, D-21107 Hamburg

Tel.: +49 40 / 555 546 300 Fax: +49 40 / 555 546 357 e-mail: umco@umco.de



### EC safety data sheet



Trade name: LHL-X100 Product no.: 2007-2

Current version : 2.0.0, issued: 10.01.2018

Region: GB

This information is based on our present knowledge and experience. The safety data sheet describes products with a view to safety requirements. It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Document protected by copyright. Alterations or reproductions require the express written permission of UMCO GmbH.

Prod-ID 639207