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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

sdb 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 in accordance with Regulation (EC) No 1272/2008 (CLP)

Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Eye Dam. 1; H318 Resp. Sens. 1: H334

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms



GHS05



GHS08



G11303 G

Signal word Danger

Hazardous component(s) to be indicated on label:

N,N"-(methylenedi-4,1-phenylene) bis [N'-octyl] urea

Hazard statement(s)

H318

Causes serious eye damage.



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H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P273 Avoid release to the environment.
P280 Wear eye protection/face protection.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P391 Collect spillage.

P501 Dispose of contents/container to a facility in accordance with local and national

regulations.

2.3 Other hazards

This product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes

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

No	Substance name		Addit	ional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Conc	entration	%
1	Baseoil - unspecific	ed, Distillates (petroleum), hydrotreated heavy			
	paraffinic				
	64742-54-7	Asp. Tox. 1; H304	>=	25.00 - < 50.00	wt%
	265-157-1				
	649-467-00-8				
	-				
2	N,N"-(methylenedi-	4,1-phenylene) bis [N'-octyl] urea			
	-	Aquatic Acute 1; H400	<	5.00	wt%
	445-760-8	Aquatic Chronic 1; H410			
	006-103-00-7	Eye Dam. 1; H318			
	01-2120106785-55	Resp. Sens. 1; H334			
3	Phosphorodithioic	acid, mixed O,O-bis(iso-Bu and pentyl) esters,			
	zinc salts				
	68457-79-4	Aquatic Chronic 2; H411	<	5.00	wt%
	270-608-0	Eye Dam. 1; H318			
	-	Skin Irrit. 2; H315			
	01-2119493628-22				
4	Benzenamine, N-ph	nenyl-, reaction products with 2,4,4-			
	trimethylpentene				
	68411-46-1	Repr. 2; H361f	<	2.50	wt%
	270-128-1	Aquatic Chronic 3; H412			
	-				
	01-2119491299-23				
Г	Toyt for all U phrasas	and ELIU phrases: pls. see section 16			

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
2	-	-	M = 100	M = 100
3	-	Skin Irrit. 2; H315: C >= 15%	-	-

SECTION 4: First aid measures

4.1 Description of first aid measures



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General information

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

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 the 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

Collect mechanically. When collected, handle material as described under the section 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



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Do not eat, drink or smoke during work time. Keep away from food, drink and animal feeding stuffs. 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.

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.

Incompatible products

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

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name	CAS / EC no			
	Route of exposure	Exposure time	Effect	Value	
1	1 Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts			68457-79-4	
				270-608-0	
	dermal	Long term (chronic)	systemic	11.87	mg/kg/day
	inhalative	Long term (chronic)	systemic	8.13	mg/m³
2	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene			68411-46-1	
	_	-	-	270-128-1	
	dermal	Long term (chronic)	systemic	0.44	mg/kg/day
	inhalative	Long term (chronic)	systemic	0.31	mg/m³

DNEL value (consumer)

No	Substance name				
	Route of exposure	Exposure time	Effect	Value	
1	Phosphorodithioic acid, n	nixed O,O-bis(iso-Bu and p	entyl) esters, zinc salts	68457-79-4	
				270-608-0	
	oral	Long term (chronic)	systemic	0.24	mg/kg/day
	dermal	Long term (chronic)	systemic	5.93	mg/kg/day
	inhalative	Long term (chronic)	systemic	2.06	mg/m³
2	Benzenamine, N-phenyl-,	reaction products with 2,4,	4-trimethylpentene	68411-46-1	
			-	270-128-1	
	oral	Long term (chronic)	systemic	0.05	mg/m³
	dermal	Long term (chronic)	systemic	0.22	mg/kg/day
	inhalative	Long term (chronic)	systemic	0.08	mg/m³

PNEC values

	Substance name CAS / EC no						
No	Substance name						
	ecological compartment	Туре	Value				
1	Phosphorodithioic acid, mixed O,O-bis	(iso-Bu and pentyl) esters, zinc salts	68457-79-4				
			270-608-0				
	water	fresh water	4.00	μg/L			
	water	marine water	4.60	μg/L			
	water	Aqua intermittent	45.00	μg/L			
	sewage treatment plant	-	100.00	mg/L			
2	Benzenamine, N-phenyl-, reaction prod	lucts with 2,4,4-trimethylpentene	68411-46-1				
			270-128-1				
	water	fresh water	0.034	mg/L			
	water	marine water	0.003	mg/L			



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water	fresh water sediment	0.446	mg/kg			
with reference to: dry weight						
water	marine water sediment	0.045	mg/kg			
with reference to: dry weight						
soil	-	17.6	mg/kg			
with reference to: dry weight	with reference to: dry weight					
sewage treatment plant	-	10	mg/L			
secondary poisoning	-	0.833	mg/kg dry weight			
with reference to: food	•		<u> </u>			

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 workstation 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.

Appropriate Material nitrile rubber

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

State of aggregation	
liquid	
Form	
pasty	
Colour	
yellow	
Odour	
perceptible	
pH value	
No data available	
Boiling point / boiling range	
No data available	
Melting point/freezing point	
No data available	
Decomposition temperature	
No data available	
Flash point	



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Value	>	200	°C
Method	Setaflash		

Ignition temperature

No data available

Auto-ignition temperature Comments Product is not selfigniting.

Flammability

No data available

Lower explosion limit

No data available

Upper explosion limit

No data available

Vapour pressure

No data available

Relative vapour density

No data available

Relative density

No data available

Density

Value	0.90	g/cm³
Reference temperature	25	°C

Solubility in water

Comments Not miscible or difficult to mix

Solubility

No data available

Part	Partition coefficient n-octanol/water (log value)						
No	Substance name		CAS no.		EC no.		
1	Phosphorodithioic acid, mixed O,O-bis(is	so-Bu and	68457-79-4		270-608-0		
	pentyl) esters, zinc salts						
log F	Pow			0.69			
Refe	erence temperature			21.8	°C		
Meth	nod	OECD 107					
Sou	rce	ECHA					
2	Benzenamine, N-phenyl-, reaction produ	cts with	68411-46-1		270-128-1		
	2,4,4-trimethylpentene						
log F				6.66			
Reference temperature				23	°C		
Meth	nod	OECD 123					
Sou	rce	FCHA					

Kinematic viscosity

No data available

Particle characteristics

No data available

9.2 Other information

Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.



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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

Carbon monoxide and carbon dioxide; Toxic metal oxide fumes

SECTION 11: Toxicological information

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

Acu	Acute oral toxicity					
No	Substance name		CAS no.		EC no.	
1	Phosphorodithioic acid, mixed O,O-bis(i	so-Bu and	68457-79-4		270-608-0	
	pentyl) esters, zinc salts					
LD5	0			3600	mg/kg bodyweight	
Spe	cies	rat				
Meth	Method					
Sou	rce	ECHA				
2	Benzenamine, N-phenyl-, reaction produ	cts with	68411-46-1		270-128-1	
	2,4,4-trimethylpentene					
LD5	0	>		5000	mg/kg bodyweight	
Spe	cies	rat				
Meth	nod	OECD 401				
Sou	rce	ECHA				

Acu	te dermal toxicity				
No	Substance name		CAS no.		EC no.
1	Phosphorodithioic acid, mixed O,O-bis(i	so-Bu and	68457-79-4		270-608-0
	pentyl) esters, zinc salts				
LD5	0	>		20000	mg/kg bodyweight
Spe	cies	rabbit			
Meth	nod	OECD 402			
Soul	rce	ECHA			
2	Benzenamine, N-phenyl-, reaction produ	cts with	68411-46-1		270-128-1
	2,4,4-trimethylpentene				
LD5	0	>		2000	mg/kg bodyweight
Spe	cies	rat			
Meth	nod	OECD 402			
Soul	rce	ECHA			

Acute inhalational toxicity

No data available

Skir	Skin corrosion/irritation							
No	Substance name		CAS no.		EC no.			
1	Phosphorodithioic acid, mixed O,O-bis(is	so-Bu and	68457-79-4		270-608-0			
	pentyl) esters, zinc salts							
Dura	ation of exposure			4	h			
Spe	cies	rabbit						
Meth	nod	OECD 404						
Sou	rce	ECHA						
Eval	uation	irritant						
2	Benzenamine, N-phenyl-, reaction produ	cts with	68411-46-1		270-128-1			
	2,4,4-trimethylpentene							
Dura	ation of exposure			4	h			



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Species	rabbit
Method	OECD 404
Source	ECHA
Evaluation	low-irritant
Evaluation/classification	Based on available data, the classification criteria are not met.

Seri	Serious eye damage/irritation					
No	Substance name		CAS no.	EC no.		
1	Phosphorodithioic acid, mixed O,O-bis(is	so-Bu and	68457-79-4	270-608-0		
	pentyl) esters, zinc salts					
Spe	cies	rabbit				
Meth	nod	OECD 405				
Soul	rce	ECHA				
Eval	uation	Irreversible e	ffects on the eye			
2	Benzenamine, N-phenyl-, reaction produ	cts with	68411-46-1	270-128-1		
	2,4,4-trimethylpentene					
Spe	Species					
Meth	nod	OECD 405				
Source		ECHA				
Eval	uation	non-irritant				

	Respiratory or skin sensitisation							
No	Substance name		c no.					
1	Phosphorodithioic acid, mixed O,O-bis(is	so-Bu and 68457-79-4 27	0-608-0					
	pentyl) esters, zinc salts							
Rout	e of exposure	Skin						
Spec	cies	guinea pig						
Meth	nod	OECD 406						
Sour	ce	ECHA						
Eval	uation	non-sensitizing						
2	Benzenamine, N-phenyl-, reaction produ	cts with 68411-46-1 27	0-128-1					
	2,4,4-trimethylpentene							
Rout	e of exposure	Skin						
Spec	cies	guinea pig						
Meth	nod	OECD 406						
Source		ECHA						
Eval	uation	non-sensitizing						

Germ cell mutagenicity						
No	Substance name		CAS no.	EC no.		
1	Phosphorodithioic acid, mixed O,O-bis(is	so-Bu and	68457-79-4	270-608-0		
	pentyl) esters, zinc salts					
Sour	rce	ECHA				
Eval	uation/classification	Based on ava	ailable data, the classifi	cation criteria are not met.		
2	Benzenamine, N-phenyl-, reaction products with		68411-46-1	270-128-1		
	2,4,4-trimethylpentene					
Method		OECD				
Source		ECHA				
Eval	uation/classification	Based on ava	ailable data, the classifi	cation criteria are not met.		

Ren	Reproduction toxicity						
No	Substance name		CAS no.	EC no.			
1	Phosphorodithioic acid, mixed O,O-bis(i	so-Bu and	68457-79-4	270-608-0			
	pentyl) esters, zinc salts						
Sou	rce	ECHA					
Eva	uation/classification	Based on available data, the classification criteria are not met.					
2	Benzenamine, N-phenyl-, reaction produ	cts with	68411-46-1	270-128-1			
	2,4,4-trimethylpentene						
Rou	te of exposure	oral					
Spe	cies	rat					
Metl	nod	OECD					
Sou	rce	ECHA					
Eva	Evaluation/classification		vailable data, the clas	sification criteria are met.			



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Carcinogenicity
No data available

STOT - single exposure

No data available

STO	STOT - repeated exposure						
No	Substance name		CAS no.	EC no.			
1	Phosphorodithioic acid, mixed O,O-bis(is	so-Bu and	68457-79-4	270-608-0			
	pentyl) esters, zinc salts						
Sou	rce	ECHA					
Eval	luation/classification	Based on available data, the classification criteria are not met.					
2	Benzenamine, N-phenyl-, reaction produ	cts with	68411-46-1	270-128-1			
	2,4,4-trimethylpentene						
Rou	te of exposure	oral					
Method		OECD					
Sou	Source		ECHA				
Eval	luation/classification	Based on a	vailable data, the clas	sification criteria are not met.			

Aspiration hazard
No data available

11.2 Information on other hazards

Endocrine disrupting properties

No data available.

Other information

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxi	Toxicity to fish (acute)						
No	Substance name		CAS no.		EC no.		
1	Phosphorodithioic acid, mixed O,O-bis(is	so-Bu and	68457-79-4		270-608-0		
	pentyl) esters, zinc salts						
LC50	0			46	mg/l		
Dura	tion of exposure			96	h		
Spec	cies	Cyprinodon v	ariegatus				
Meth	nod	OECD 203					
Sour	ce	ECHA					
2	Benzenamine, N-phenyl-, reaction produ	cts with	68411-46-1		270-128-1		
	2,4,4-trimethylpentene						
LC50	0	>		100	mg/l		
Duration of exposure				96	h		
Species		Danio rerio					
Meth	nod	OECD 203					
Sour	ce	ECHA					

Toxicity to fish (chronic)

No data available

Toxi	Toxicity to Daphnia (acute)						
No	Substance name		CAS no.		EC no.		
1	Phosphorodithioic acid, mixed O,O-bis(is	so-Bu and	68457-79-4		270-608-0		
	pentyl) esters, zinc salts						
EL50)			23	mg/l		
Dura	tion of exposure			48	h		
Spec	cies	Daphnia mag	ına				
Meth	nod	OECD 202					
Soul	ce	ECHA					
2	Benzenamine, N-phenyl-, reaction produ	cts with	68411-46-1		270-128-1		
	2,4,4-trimethylpentene						



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EC50		51	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		

Toxi	Toxicity to Daphnia (chronic)						
No	Substance name		CAS no.		EC no.		
1	Benzenamine, N-phenyl-, reaction products wit		68411-46-1		270-128-1		
	2,4,4-trimethylpentene						
EC1	0			1.69	mg/l		
Dura	ation of exposure			21	day(s)		
Spe	Species		ına		• , ,		
Method		OECD 211					
Soul	rce	ECHA					

Toxi	Toxicity to algae (acute)						
No	Substance name		CAS no.		EC no.		
1	Phosphorodithioic acid, mixed O,O-bis(is	so-Bu and	68457-79-4		270-608-0		
	pentyl) esters, zinc salts						
EL50)			21	mg/l		
Dura	ation of exposure			72	h		
Spec	cies	Desmodesmus subspicatus					
Meth	nod	OECD 201					
Soul	rce	ECHA					
2	Benzenamine, N-phenyl-, reaction produ	cts with	68411-46-1		270-128-1		
	2,4,4-trimethylpentene						
EC5	0	>		100	mg/l		
Dura	ation of exposure			72	h		
Species		Desmodesmu	ıs subspicatus				
Method		OECD 201	-				
Soul	rce	ECHA					

Toxicity to algae (chronic) No data available

Bac	Bacteria toxicity					
No	Substance name		CAS no.		EC no.	
1	Benzenamine, N-phenyl-, reaction produ	cts with	68411-46-1		270-128-1	
	2,4,4-trimethylpentene					
IC50		>		100	mg/l	
Dura	ation of exposure			3	h	
Species		activated slud	dge			
Method		OECD 209				
Source		ECHA				

12.2 Persistence and degradability

<u>. </u>	ersisterice and degradability					
Biodegradability						
No	Substance name	CAS no.		EC no.		
1	Phosphorodithioic acid, mixed O,O-bis(is	so-Bu and 68457-79-4		270-608-0		
	pentyl) esters, zinc salts					
Туре		aerobic biodegradation				
Valu	e		1.5	%		
Dura	tion		28	day(s)		
Method		OECD 301 B				
Source		ECHA				
Eval	uation	not readily biodegradable				
2 Benzenamine, N-phenyl-, reaction produc		cts with 68411-46-1		270-128-1		
	2,4,4-trimethylpentene					
Туре		aerobic biodegradation				
Valu			1	%		
Duration			28	day(s)		
Method		OECD 301 B				
Sour	ce	ECHA				
Oou						



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Evaluation not readily biodegradable

12.3 Bioaccumulative potential

Part	Partition coefficient n-octanol/water (log value)						
No	Substance name		CAS no.		EC no.		
1	Phosphorodithioic acid, mixed O,O-bis(i	so-Bu and	68457-79-4		270-608-0		
	pentyl) esters, zinc salts						
log F	Pow			0.69			
Refe	erence temperature			21.8	°C		
Meth	Method						
Soul	Source						
2	Benzenamine, N-phenyl-, reaction products with		68411-46-1		270-128-1		
	2,4,4-trimethylpentene						
log Pow				6.66			
Refe	erence temperature			23	°C		
Meth	nod	OECD 123					
Soul	rce	ECHA					

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

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

Residues 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.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

Class 9
Classification code M6
Packing group III
Hazard identification no. 90
UN number UN3082

Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Technical name N,N"-(methylenedi-4,1-phenylene) bis [N'-octyl] urea

Tunnel restriction code

Label

Environmentally hazardous Symbol "fish and tree"

substance mark

14.2 Transport IMDG

Class 9
Packing group III



Trade name: LHL-X100 Product no.: 2007-5

Current version: 4.0.0, issued: 11.04.2023 Reglaced version: 3.3.0, issued: 10.02.2022 Region: GB

UN number UN3082

Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Technical name N,N"-(methylenedi-4,1-phenylene) bis [N'-octyl] urea

EmS F-A, S-F

Label 9

Marine pollutant mark Symbol "fish and tree"

14.3 Transport ICAO-TI / IATA

Class 9
Packing group III
UN number UN3082

Proper shipping name Environmentally hazardous substance, liquid, n.o.s. Technical name N,N"-(methylenedi-4,1-phenylene) bis [N'-octyl] urea

Label

Environmentally hazardous

substance mark

Symbol "fish and tree"

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 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information

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

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, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	Baseoil - unspecified, Residual oils (petroleum),	64742-57-0	265-160-8	75
	hydrotreated			
2	N,N"-(methylenedi-4,1-phenylene) bis [N'-octyl] urea	-	445-760-8	75

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances This product is subject to Part I of Annex I, risk category:

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.



Trade name: LHL-X100 **Product no.: 2007-5**

Current version: 4.0.0. issued: 11.04.2023 Replaced version: 3.3.0, issued: 10.02.2022 Region: GB

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

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 section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H361f Suspected of damaging fertility. H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

Creation of the safety data sheet

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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.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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