

Safety Data Sheet

CLAS OHLSON BUGREMOVER

Revision date: 22/10/2015

SECTION 1: Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier

Trade name: CLAS OHLSON BUGREMOVER

Vendor article no

Vendor article no	Description
1496	

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

Recommended uses: Dissolves and removes stain caused by insects on all exterior car surfaces.

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Lahega Kemi AB
Address: Box 13073
Zip code: 250 13 Helsingborg
Country: SWEDEN
E-mail: info@lahega.se
Phone: 042-256700
Fax: 042-256750
Contact person: Name: Nina Wahlberg, Phone: 042-256700, E-mail: nina.wahlberg@lahega.se

1.4. Emergency Telephone Number

112 (SOS Alarm) (0-24) 08-33 12 31 (Giftinformationscentralen) (0-24)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Skin Irrit. 2;H315 Eye Irrit. 2;H319

Most serious harmful effects: Causes skin irritation. Causes serious eye irritation.

2.2. Label elements

Pictograms



Signal word: Warning

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Hazard Statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.

Supplemental information

P102 Keep out of reach of children. P301+P314 IF SWALLOWED: Get medical advice/attention if you feel unwell.
P305+P351+P312 IF IN EYES: Rinse cautiously with water for several minutes. Call a POISON CENTER or doctor/physician if you feel unwell. P264 Wash hands thoroughly after handling. P280 Wear eye protection. P501 Dispose of contents /container at waste collection point or recycling centre – in accordance with local and national regulations.

2.3. Other hazards

No known information.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS number	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
2-aminoethanol, ethanolamine	141-43-5	205-483-3	01-2119486455-28	1 - 5%		Acute Tox. 4;H302 Acute Tox. 4;H312 Skin Corr. 1B;H314 Acute Tox. 4;H332 STOT SE 3;H335 Aquatic Chronic 3;H412
2-propanol	67-63-0	200-661-7	01-2119457558-25	1 - 5%		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336

Please see section 16 for the full text of R-phrases and H-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Fresh air.
Ingestion: Drink a few glasses of water or milk. Get medical attention if any discomfort continues.
Skin contact: Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact: Hold eyelids apart. Rinse with water. Contact physician if discomfort continues.
General: Show this safety data sheet, if possible.

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

Causes serious eye irritation. Causes skin irritation.

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

No information available

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

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5.2. Special hazards arising from the substance or mixture

No known information.

5.3. Advice for fire-fighters

General: Evacuate all personnel, use protective equipment for fire fighting. Use a portable breathing apparatus when the product is involved in a fire.

Other Information: The product burns only with difficulty and does not sustain fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear necessary protective equipment. See section 8.

6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground.

6.3. Methods and material for containment and cleaning up

Absorb in an inert material (sand, vermiculite, etc.) and collect into a suitable container. Sent for destruction. Minor spillage should be wiped away or flushed away with water.

6.4. Reference to other sections

Other Information: In the event of spillage involving the risk of environmental damage, get in touch with the authority responsible.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with the skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container. Keep separate from food, feedstuffs, fertilizers and other sensitive material. Store at room temperature.

7.3. Specific end use(s)

No known information.

Other Information: If frozen, thaw completely and mix thoroughly prior to use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m ³	Comment	Remarks
2-propanol	15m	250	600		
2-propanol	8h	150	350		

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8.2. Exposure controls

Appropriate engineering controls: Wash your hands thoroughly after handling and before eating or smoking. Use only in well-ventilated areas.

Personal protective equipment, eyeface protection: Wear safety goggles if there is a risk of eye splash.

Personal protective equipment, hand protection: Use suitable protective gloves made of nitrile rubber.

Personal protective equipment, respiratory protection: No respirator is normally needed.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid.
Colour	Weak yellowish.
Odour	Weak.
Solubility	Miscible with water.
Explosive properties	
Oxidising properties	

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	~ 11	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	~ 100 °C	
Flash Point	~ 57 °C	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

9.2 Other information

Parameter	Value/unit	Remarks
Density	~ 1 g/cm ³	

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at normal conditions.

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10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

No known information.

10.4. Conditions to avoid

No known information.

10.5. Incompatible materials

No known information.

10.6. Hazardous decomposition products

No hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

- Acute toxicity - oral:** May cause nausea and vomiting.
- Acute toxicity - dermal:** Protracted or repeated contact may irritate the skin.
- Acute toxicity - inhalation:** High concentrations may cause irritation of the respiratory tract.
- Serious eye damage/eye irritation:** May cause serious irritation/smarting.
- Other toxicological effects:** Toxicological data are only available for the components, not for the mixture.

SECTION 12: Ecological information

12.1. Toxicity

2-propanol

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute fish	Pimephales promelas	96h	LC50	> 1000mg/l			
Acute Daphnia		48h	EC50	> 1000mg/l			
Acute algae		72h	EC50	> 1000mg/l			

2-aminoethanol, ethanolamine

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute fish		96h	LC50	> 100mg/l			
Acute Daphnia		48h	EC50	10 - 100mg/l			
Acute algae		72h	EC50	10 - 100mg/l			
NOEC	#Not translated#	21d		0.85 mg/l			

12.2. Persistence and degradability

2-propanol

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Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
COD		21d		> 95%		BOD20/ThOD	

2-aminoethanol, ethanolamine

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
		21d		> 90%		#Not translated#	

Expected to be readily biodegradable.

12.3. Bioaccumulative potential

2-propanol

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Log Pow				< 3			

2-aminoethanol, ethanolamine

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Log Pow				< 1			

Bioaccumulation improbable.

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6. Other adverse effects

Other Information

Not regarded as dangerous for the environment. The assessment is based on the properties of the components.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residues and used product that cannot be reused must be treated as dangerous waste. Empty packaging is sent for recycling. Local and EU regulations for refuse treatment must be followed.

Proposal EWC-code: 07 06 04.

SECTION 14: Transport information

14.1. UN-No.: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.3. Transport hazard class(es): Not applicable.

14.4. Packing group: Not applicable.

14.5. Environmental hazards: Not applicable.

14.6. Special precautions for user

No special precautions required.

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14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not relevant.

SECTION 15: Regulatory information

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

Special Provisions: Statute Book of the Swedish Work Environment "Occupational exposure limit values and measures against air contaminants", AFS 2011:18. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Statute Book of the Swedish Work Environment "Occupational exposure limit values and measures against air contaminants", AFS 2011:18.

15.2. Chemical Safety Assessment

Other Information: No information available

SECTION 16: Other information

List of relevant H-statements

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

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