

SAFETY DATA SHEET



Låslack Grön

Internal code: 557

Revision date: 10/10/2017

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Chemical name Låslack Grön
Article-no LL.20G-1
Replace MSDS of 19.7.2016

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

Uses of the chemical Låslack för industriellt bruk.

1.3 Details of the supplier of the safety data sheet

Distributor G A Lindberg ChemTech AB
Box 6044
164 06 Kista
Sweden
Phone: 08-703 02 00
Fax: 08-703 02 48
www.galindberg.se
sdb@galindberg.se
E-mail
Internet www.galindberg.se/chemtech
Responsible Kristoffer Karström
1.4 Emergency telephone number Akuta förgiftningsfall: 08-331231 (GIC), Alternativt: 112 (SOS Alarm)

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to 1272/2008EC
Flam Liq 2; H225: Flammable liquid.
STOT SE 3; H336: Specific target organ toxicity - single exposure.
Eye Dam 1; H318: Serious eye damage.
Acute Tox 4; H302: Acute toxicity.
Skin Irrit 2; H315: Skin corrosion/irritation.

2.2 Label elements

Pictogram



Signal word

Danger

Hazard statement(s)

H336 May cause drowsiness or dizziness.
H318 Causes serious eye damage.
H315 Causes skin irritation.
H302 Harmful if swallowed.
H225 Highly flammable liquid and vapour.

Precautionary statements

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Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P264 Wash exposed skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

2.3 Other hazards

Risk of serious damage to eyes. Highly flammable. Harmful by inhalation and in contact with skin. Irritating to skin.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Ingredients	Identification	Classification	Note	Weight%
1-butanol, butan-1-ol	Reach nr: 01-2119484630-38 Ec/Nlp nr: 200-751-6 Cas nr: 71-36-3 Index nr: 603-004-00-6	Flam Liq 3; H226 Acute Tox 4; H302 Skin Irrit 2; H315 Eye Dam 1; H318 STOT SE 3; H335+H336		10-30
Etanol	Reach nr: 01-2119457610-43 Ec/Nlp nr: 200-578-6 Cas nr: 64-17-5 Index nr: 603-002-00-5	Flam Liq 2; H225		10-30
Propan-2-ol	Ec/Nlp nr: 200-661-7 Cas nr: 67-63-0 Index nr: 603-117-00-0	Flam Liq 2; H225 Eye Irrit 2; H319 STOT SE 3; H336		10-30
Xylen	Ec/Nlp nr: 215-535-7 Cas nr: 1330-20-7 Index nr: 601-022-00-9	Flam Liq 3; H226 Asp Tox 1; H304 Acute Tox 4; H312+H332 Skin Irrit 2; H315	C	10-30
Etylbenzen	Ec/Nlp nr: 202-849-4 Cas nr: 100-41-4 Index nr: 601-023-00-4	Flam Liq 2; H225 Acute Tox 4; H332		1-5

Explanation

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

Supply fresh air. In cases of extreme difficulty, give respiratory aid/oxygen. If breathing stops, perform artificial respiration. Contact a doctor.

Skin contact

Remove contaminated clothes. Wash skin thoroughly with soap and water and, if necessary, a cleansing cream. DO NOT use solvents or thinners.

Eye contact

Contact a doctor. Important: Rinse immediately with water for at least 15 minutes (hold eyelids wide apart, remove contact lenses).

Ingestion

Do not induce vomiting. Keep the patient calm. Contact a doctor if a larger quantity is ingested.

4.2 Most important symptoms and effects, both acute and delayed

Corrosive. Can cause damage to the skin, eyes and mucous membranes.

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4.3 Indication of any immediate medical attention and special treatment needed

No specific treatment. Treat symptomatically.

Additional information

In all cases of doubt, or when symptoms persist, seek medical attention. Never give an unconscious person anything to drink.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Water spray, alcohol compatible foam, carbon dioxide or dry powder.

Extinguishing media which shall not be used

High volume water jet.

5.2 Special hazards arising from the substance or mixture

Can on heating break down into poisonous gasses.

5.3 Advice for firefighters

Fire fighters shall wear compressed air apparatus with excess pressure (SCBA) and full equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use specified safety equipment. Do not breathe spray.

6.2 Environmental precautions

Try to prevent the material from entering drains or water courses or contaminating soil.

6.3 Methods and material for containment and cleaning up

Absorb with dry earth, sand or other noncombustible material. Scrape up and place in a container fitted with a lid.

6.4 Reference to other sections

Wear proper protective equipment recommended in section 8. Dispose of waste according to section 13.

Additional information

Eliminate all sources of ignition and ensure adequate ventilation.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

The product must not be used near open fire or other sources of ignition. Electrically ground all equipment. Use explosion-protected electrical equipment. Do not eat, drink or smoke in the area where the material is in use. Do not breathe vapour. Do not breathe spray or mist.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from sources of ignition and oxidizing agents. Store in a dry place, and in closed packaging. Temperatur 5-25 °C. Store in sealed packaging, protected against accidental release. Keep in original packaging.

Special precautions

Vapours are heavier than air and can travel along ground to remote ignition sources. Vapours can also form an explosive mixture with air.

7.3 Specific end use(s)

Refer to technical data sheet available on request.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredients	Einecs nr	CAS nr	8 hour		Short		Ref.	Note	Year
			mg/m3	ppm	mg/m3	ppm			
1-butanol, butan-1-ol	200-751-6	71-36-3	45	15	90	30	NGV	H	
Etanol	200-578-6	64-17-5	1000	500	1900	1000	NGV		
Propan-2-ol	200-661-7	67-63-0	350	150	600	250			
Xylen	215-535-7	1330-20-7	221	50	442	100		H	
Etylbenzen	202-849-4	100-41-4	200	50	450	100			

OAR remarks

H: Can be easily taken up through the skin.

8.2 Exposure controls

Exposure controls

The work place and work methods must be designed so that direct contact with compound is prevented. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value.

Respiration protection

Suitable respiratory protection should be worn if the product is used in large quantities, confined spaces or in other circumstances where the OAR may be approached or exceeded.

Eye protection

Wear goggles when there is a danger of splashing.

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Hand protection	Impermeable protecting gloves.
Skin protection	Use protective clothing as necessary.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form	Liquid
Colour	green
Odour	as organic solvents
Flash point	12 °C
Flash point method	Tag closed cup
Explosion limits	1,0 - 73,0
Relative density	0,9 g/cm ³

9.2 Other information

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Extremely flammable.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Vapors may form explosive mixtures with air.
10.4 Conditions to avoid	High temperatures.
10.5 Incompatible materials	Strong acids, strong bases and strong oxidizing agents.
10.6 Hazardous decomposition products	Carbon oxides and traces of incompletely burned carbon compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	Ingestion can cause similar symptoms to inhalation.
Skin corrosion/irritation	Harmful in contact with skin. Can be absorbed through the skin. Repeated or prolonged contact may cause defatting of the skin, leading to dermatitis.
Serious eye damage/ irritation	Irritating. May cause temporary redness and swelling.
Aspiration hazard	Irritating. Harmful by inhalation. Inhalation of high amounts of solvent vapours may cause headaches and sickness, and, at worst, damage to the nervous system.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	No results from ecological tests available. Ensure that the product does not contaminate sewers.
12.2 Persistence and degradability	Not known.
12.3 Bioaccumulative potential	Not expected to bioaccumulate.
12.4 Mobility in soil	
12.5 Results of PBT and vPvB assessment	The product is not classified as PBT or vPvBs using criteria specified in REACH Annex XIII.
12.6 Other adverse effects	

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal group	EWC code: 08 01 11. Recommendation.
Packings	Dispose of in accordance with local regulations.
Additional information	Product and packaging should be disposed of in accordance with regional and/or national regulations.

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SECTION 14: TRANSPORT INFORMATION

14.1 UN number	1263
14.2 UN proper shipping name	
Item name	PAINT OR PAINT RELATED MATERIAL.
IMDG proper shipping name	PAINT OR PAINT RELATED MATERIAL.
14.3 Transport hazard class(es)	
Label	3
ADR/RID class	3
ADR/RID classification code	F1
ADR/RID danger number	30
ADR/RID free quantity	LQ7
IMDG class	3
IMDG marine pollutant	nej
IMDG EmS	F-E,S-E
IATA class	3
14.4 Packing group	III
14.5 Environmental hazards	
14.6 Special precautions for user	

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	Restricted to professional users.
15.2 Chemical safety assessment	

SECTION 16: OTHER INFORMATION

Relevant hazard- and risk phrases given in section 3	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness.
Key literature references and sources for data	Safety Data Sheet prepared from data obtained from the manufacturer.
First released	10.4.1999
Printed date	10.10.2017
Additional information	This information is only valid for above mentioned product and is not necessary valid if the product is used together with one or several other products or in another process. The information is according to our judgement correct and complete and given in good faith but without warranty. It is up to the user to assure himself that the information is relevant and complete when it comes to his own use of this product.

--- SAFETY DATA SHEET conforming to commission regulation (EC) 1272/2008 and (EU) 2015/830 ---