

Safety Data Sheet

Hagmans Klarlack Blank

Replaces date: 24/11/2020

Revision date: 20/11/2021

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

1.1. Product identifier

Trade name: Hagmans Klarlack Blank
Synonyms: Klarlack Blank / Klarlak Blank / Klarlakk Blank / Kirkaslakka Kiiltävä / Clear Lacquer Glossy / Lakier bezbarwny błyszczący.

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

Recommended uses: Varnish

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Hagmans Nordic AB
Address: Box 112
Zip code: 511 10
City: Fritsla
Country: SWEDEN
E-mail: info@hagmansnordic.com
Phone: +46(0)320-18900
Homepage: www.hagmans.com

1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24)).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Aerosol 1;H222 Aerosol 1;H229 Eye Irrit. 2;H319 STOT SE 3;H336

Most serious harmful effects: Extremely flammable aerosol. Pressurised container: May burst if heated. Causes serious eye irritation. May cause drowsiness or dizziness.

2.2. Label elements

Pictograms



Signal word: Danger

Contains

Substance: acetone; n-butyl acetate;

Hazard Statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

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Precautionary statements

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P271	Use only outdoors or in a well-ventilated area.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P337+313	If eye irritation persists: Get medical advice/attention.
P410+412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
P501	Dispose of contents/container in accordance with local regulations.

Supplemental information

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Without adequate ventilation, explosive atmosphere/gas mix may be created.

VOC: This product contains a maximum of 840 g VOC/L. The limit value is 840 g VOC/L (cat. B/e)

2.3. Other hazards

The product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
dimethyl ether	115-10-6 204-065-8 01-2119472128-37	25 -< 50 %		Flam. Gas 1A;H220 Press. Gas Comp. gas;H280
acetone	67-64-1 200-662-2 01-2119471330-49	10 -< 25 %		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336 EUH066
n-butyl acetate	123-86-4 204-658-1 01-2119485493-29	10 -< 25 %		Flam. Liq. 3;H226 STOT SE 3;H336 EUH066
2-methoxy-1-methylethyl acetate	108-65-6 203-603-9 01-2119475791-29	2.5 -< 5 %		Flam. Liq. 3;H226

Please see section 16 for the full text of H- / EUH-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Apart from intentional ingestion, swallowing of major quantities is improbable. Rinse the mouth with water. Seek medical advice in case of discomfort.
Skin contact:	Wash skin with soap and water.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice in case of persistent discomfort.

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General: When obtaining medical advice, show the safety data sheet or label.

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 media: Use water or water mist to cool non-ignited stock.
Extinguish with powder, foam, carbon dioxide or water mist.

Unsuitable extinguishing media: Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

CAUTION! Aerosol containers may explode.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Stop leak if this can be done without risk.
Keep unnecessary personnel away. Wear suitable protective clothing.

6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or lakes. Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

6.3. Methods and material for containment and cleaning up

Provide good ventilation.
Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers.

6.4. Reference to other sections

See section 8 for type of protective equipment.
See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Provide good ventilation.
See section 8 for type of protective equipment.
Smoking, open flames or other sources of ignition in the vicinity of the product are forbidden.
Do not spray on a naked flame or any incandescent material.
Do not eat, drink or smoke during work.

7.2. Conditions for safe storage, including any incompatibilities

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Store safely and keep out of reach of children.

Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C.

Keep aerosol cans in a safe place and ensure that the valves do not leak.

7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

See the technical data sheet for specific use instructions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m ³	fiber/cm ³	Remarks	Comments
dimethyl ether	8h	400	766			
dimethyl ether	15m	500	958			
acetone	8h	500	1210			
acetone	15m	1500	3620			
n-butyl acetate	8h	150	724			
n-butyl acetate	15m	200	966			

8.2. Exposure controls

Appropriate engineering controls:

Facilities for eye rinsing must be available.
Do not eat, drink or smoke when using this product.
Avoid contact with skin and eyes.
Wash hands before breaks, before using restroom facilities, and at the end of work.
Remove contaminated clothing.

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

Personal protective equipment, hand protection: In the event of direct skin contact, wear protective gloves:
Gloves must conform to EN 374. Light use (small volume, shortterm contact (below 10 min.)): Butyl rubber. 0,7 mm.
Medium use (medium volume, medium contact (1-2 hours)): Nitrile rubber.
Breakthrough time has not been determined for the product. Change gloves often.
The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier.

Personal protective equipment, respiratory protection: Provide good ventilation.
If ventilation is insufficient, use a respirator with A/P2 filter.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Aerosol
Colour	Colourless
Odour	Characteristic
Solubility	Solubility in water: Not miscible

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Parameter	Value/unit	Remarks
Odour threshold		Not determined.
Melting point		Not determined.
Freezing point		Not determined.
Initial boiling point and boiling range		Not applicable. Aerosol
Flammability (solid, gas)		Not applicable.
Flammability limits		Not determined.
Explosion limits	1.2 - 18.6 vol%	
Flash Point	< 0 °C	Without propellant gas
Auto-ignition temperature		Product is not selfigniting.
Decomposition temperature		Not determined.
pH (solution for use)		Not determined.
pH (concentrate)		Not determined.
Kinematic viscosity		Not determined.
Viscosity		Not determined.
Partition coefficient n-octanol/water		Not determined.
Vapour pressure	3400 hPa	
Density	0,76 g/cm ³	
Relative density		Not determined.
Vapour density		Not determined.
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Parameter	Value/unit	Remarks
Evaporation rate		Not determined.
Explosive properties		The product is not explosive, but formation of explosive vapor-air mixtures are possible.
Oxidising properties		Not determined.
Solids content:	12,8%	
Organic solvents / propellant gas:	87,2%	

SECTION 10: Stability and reactivity

10.1. Reactivity

No known data.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Avoid heating and contact with ignition sources.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

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None known.

SECTION 11: Toxicological information

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

Acute toxicity - oral:	Based on existing data, the classification criteria are deemed not to have been met. Because of limited volume in an aerosol, and that the contents can hardly be swallowed, risk of poisoning is regarded to be small.
Acute toxicity - dermal:	Based on existing data, the classification criteria are deemed not to have been met.
Acute toxicity - inhalation:	Based on existing data, the classification criteria are deemed not to have been met.
Skin corrosion/irritation:	Based on existing data, the classification criteria are deemed not to have been met.
Serious eye damage/eye irritation:	Causes serious eye irritation.
Respiratory sensitisation or skin sensitisation:	Based on existing data, the classification criteria are deemed not to have been met.
Germ cell mutagenicity:	Based on existing data, the classification criteria are deemed not to have been met.
Carcinogenic properties:	Based on existing data, the classification criteria are deemed not to have been met.
Reproductive toxicity:	Based on existing data, the classification criteria are deemed not to have been met.
Single STOT exposure:	May cause drowsiness or dizziness.
Repeated STOT exposure:	Based on existing data, the classification criteria are deemed not to have been met.
Aspiration hazard:	Based on existing data, the classification criteria are deemed not to have been met.

11.2. Information on other hazards

SECTION 12: Ecological information

12.1. Toxicity

There are no available Eco-toxicological test results on the preparation itself.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

12.7. Other adverse effects

No further relevant information available.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not dispose of aerosol sprays in refuse collection, even when empty. The sprays must be sent to the municipal chemical waste collection facility.

Category of waste: 15 01 10* packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	1950	14.4. Packing group:	
14.2. UN proper shipping name:	AEROSOLS	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	2.1		
Hazard label(s):	2.1		
Hazard identification number:		Tunnel restriction code:	D

Inland water ways transport (ADN)

14.1. UN number or ID number:	1950	14.4. Packing group:	
14.2. UN proper shipping name:	AEROSOLS	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	2.1		
Hazard label(s):	2.1		
Transport in tank vessels:			

Sea transport (IMDG)

14.1. UN number or ID number:	1950	14.4. Packing group:	
14.2. UN proper shipping name:	AEROSOLS	14.5. Environmental hazards:	The product is not a Marine Pollutant (MP).
14.3. Transport hazard class(es):	2.1	Environmental Hazardous Substance Name(s):	
Hazard label(s):	2.1		
EmS:	F-D, S-U	IMDG Code segregation group:	- None -

Air transport (ICAO-TI / IATA-DGR)

14.1. UN number or ID number:	1950	14.4. Packing group:	
14.2. UN proper shipping name:	AEROSOLS, FLAMMABLE	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	2.1		
Hazard label(s):	2.1		

14.6. Special precautions for user

Segregation Code SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of

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class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

Other Information: ADR Limited quantities (LQ) 1L Excepted quantities (EQ) Code: E0 Not permitted as Excepted Quantity. Transport category 2 IMDG: Limited quantities (LQ) 1L Code: E0 Not permitted as Excepted Quantity

SECTION 15: Regulatory information

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

Special Provisions: This product is regulated by regulation (EU) 2019/1148. All suspicious transactions and significant thefts and disappearances must be reported to the police.

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit) as subsequently changed.

Vendor notes: Changes have been made in sections: 1-16.

List of relevant H-statements

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H229 Pressurised container: May burst if heated.
H280 Contains gas under pressure, may explode if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

List of relevant EUH-statements

EUH066 Repeated exposure may cause skin dryness or cracking.
EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Country: GB