

Safety Data Sheet

Leather Colour

Issued: 16/07/2025
Version: 1.0.0

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

1.1. Product identifier

Trade name: Leather Colour

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

PC: Leather treatment products (PC23)

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Guardian Protection Products A/S
Address: Knudevejen 22
Zip code: 6600
City: Vejen
Country: DENMARK
Email: guardian@guardian.dk
Phone: +45 75471767
Fax: +45 75471787

1.4. Emergency Telephone Number

+45 75 47 17 67 (Guardian Protection Products A/S)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: The product shall not be classified as hazardous according to the classification and labeling rules for substances and mixtures.

2.2. Label elements

Supplemental information

EUH208 Contains ethyl acrylate. May produce an allergic reaction.

2.3. Other hazards

The product does not contain any PBT or vPvB substances.
Endocrine disrupting properties: None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
1-methoxy-2-propanol	107-98-2 203-539-1 01-2119457435-35	5 -< 10 %		Flam. Liq. 3;H226 STOT SE 3;H336
propan-2-ol	67-63-0 200-661-7 01-2119457558-25	5 -< 10 %		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336

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ammonia ... %	1336-21-6 215-647-6	0.1 -< 1 %		Skin Corr. 1B;H314 Aquatic Acute 1;H400 C ≥ 5%: STOT SE 3; H335
ethyl acrylate	140-88-5 205-438-8	0.1 -< 1 %		Flam. Liq. 2;H225 Acute Tox. 4;H302 Acute Tox. 4;H312 Skin Irrit. 2;H315 Skin Sens. 1;H317 Eye Irrit. 2;H319 Acute Tox. 3;H331 STOT SE 3;H335 C ≥ 5%: Skin Irrit. 2; H315 C ≥ 5%: Eye Irrit. 2; H319 C ≥ 5%: STOT SE 3; H335 ATE (vapours) (Acute toxicity - inhalation): 9 mg/l ATE (Acute toxicity - dermal): 1800 mg/kg bw ATE (Acute toxicity - oral): 1120 mg/kg bw

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:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin contact:	Remove contaminated clothing. Wash the skin with water. Seek medical advice in case of persistent discomfort.
Eye contact:	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
General:	When obtaining medical advice, show the safety data sheet or label.

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

May cause slight irritation to the skin and eyes. The product contains small amounts of ethyl acrylate. Persons with a known allergy may exhibit an allergic response to the product.

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

Treat symptoms. No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:	The product is not directly flammable. Choose extinguishing agents based on the surrounding fire.
Unsuitable extinguishing media:	Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Can generate harmful flue gases containing carbon monoxide in the event of fire.

5.3. Advice for firefighters

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Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn.

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. Wear gloves.

For emergency responders: In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

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

Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely out of reach of children and not together with food, feed, medicine and the like. Store in a dry, cool, well-ventilated area. Keep in tightly closed original packaging. Store at temperatures below 35°C. Do not store with the following: Strong oxidisers.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m ³	Fiber/cm3	Remarks	Notation
1-methoxy-2-propanol	15m	150	568			Skin
1-methoxy-2-propanol	8h	100	375			Skin
ethyl acrylate	8h	5	21			
ethyl acrylate	15m	10	42			

Skin = A skin notation assigned to the occupational exposure limit value indicates the possibility of significant uptake through the skin.

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Measuring methods: Compliance with occupational exposure limits may be checked by occupational hygiene measurements.

Legal basis: Commission Directive 2000/39/EC (Occupational Exposure Limits) as subsequently amended. Last amended by Commission Directive 2019/1831/EU. Directive 2004/37/EC (Exposure to carcinogens or mutagens at work) as subsequently amended. Last amended by Directive 2024/869/EU. Directive 2009/148/EC (Exposure to asbestos at work) as subsequently amended. Last amended by Directive 2023/2668/EU.

PNEC

1-methoxy-2-propanol, cas-no 107-98-2				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	10 mg/l			
PNEC aqua (marine water)	1 mg/l			
PNEC aqua (intermittent releases)	100 mg/l			
PNEC sediment (freshwater)	52,3 mg/kg			
PNEC sediment (marine water)	5,2 mg/kg			
PNEC STP (wastewater-treatment facilities)	100 mg/l			
PNEC soil	5,49 mg/kg			
propan-2-ol, cas-no 67-63-0				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	140,9 mg/l			
PNEC aqua (marine water)	140,9 mg/l			
PNEC aqua (intermittent releases)	140,9 mg/l			
PNEC STP (wastewater-treatment facilities)	2251 mg/l			
PNEC soil	28 mg/kg			
PNEC oral (foodstuffs)	160 mg/kg			
PNEC sediment (freshwater)	552 mg/kg			
PNEC sediment (marine water)	552 mg/kg			
ammonia ... %, cas-no 1336-21-6				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	0,0011 mg/l			
ethyl acrylate, cas-no 140-88-5				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	0,00272 mg/l			
PNEC aqua (marine water)	0,00027 mg/l			
PNEC sediment (freshwater)	0,0213 mg/kg			
PNEC sediment (marine water)	0,0213 mg			
PNEC aqua (intermittent releases)	0,011 mg/l			
PNEC soil	1 mg/kg			

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PNEC STP (wastewater-treatment facilities)	10 mg/l			
PNEC oral (foodstuffs)	0,01 mg/kg			

DNEL - workers

1-methoxy-2-propanol, cas-no 107-98-2					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	50,6 mg/kg bw/day				
Inhalation DNEL (acute/short-term exposure - local effects)	553,5 mg/m³				
Inhalation DNEL (long-term exposure - systemic effects)	369 mg/m³				
propan-2-ol, cas-no 67-63-0					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	888 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	500 mg/m³				
ammonia ... %, cas-no 1336-21-6					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (acute/short-term exposure - systemic effects)	6,8 mg/kg bw/day				
ethyl acrylate, cas-no 140-88-5					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - local effects)	21 mg/m³				

DNEL - general population

1-methoxy-2-propanol, cas-no 107-98-2					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Oral DNEL (long-term exposure - systemic effects)	3,3 mg/kg				
Dermal DNEL (long-term exposure - systemic effects)	18,1 mg/kg				
Inhalation DNEL (long-term exposure - systemic effects)	43,9 mg/m³				
propan-2-ol, cas-no 67-63-0					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note

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Dermal DNEL (long-term exposure - systemic effects)	319 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	89 mg/m ³				
Oral DNEL (long-term exposure - systemic effects)	26 mg/kg bw/day				
ethyl acrylate, cas-no 140-88-5					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - local effects)	2,5 mg/m ³				

8.2. Exposure controls

Appropriate engineering controls:	Wear the personal protective equipment specified below. Use the product under well-ventilated conditions.
Personal protective equipment, eye/face protection:	Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 16321.
Personal protective equipment, hand protection:	Wear gloves. Type of material and thickness: Nitrile rubber/ 0,5 mm. Penetration time: 6 hours. Gloves must conform to EN 374. 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:	Light use (small volume, short term contact (below 10 min.)): Not required. Medium use (medium volume, medium contact (below 2 hours)): Filter type: A. K. Respiratory protection must conform to one of the following standards: EN 136/140/145.
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	Liquid	
Colour	White	
Odour	Characteristic	
Solubility	Soluble in the following: Water.	
Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	< 0 °C	
Freezing point	No data	
Boiling point or initial boiling point and boiling range	88 °C	
Flammability	No data	
Flammability limits	No data	
Lower and upper explosion limit	2 - 12 vol%	
Flash Point	41 °C	The product cannot sustain combustion.
Auto-ignition temperature	> 210 °C	
Decomposition temperature	No data	
pH (solution for use)	No data	

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pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water (log value)	No data	
Vapour pressure	> 2300 Pa	
Density	1 g/ml	
relative density	No data	
Relative vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Parameter	Value/unit	Remarks
Evaporation rate	<1	(n-butyl acetate = 1)
Explosive properties		Non-explosive
Oxidising properties		Non-oxidising.
VOC (Volatile organic compounds):	10-20%	

Other Information: None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Strong oxidisers.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

Product vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

10.4. Conditions to avoid

Avoid temperatures >35°C.

10.5. Incompatible materials

Strong oxidisers.

10.6. Hazardous decomposition products

Can generate harmful flue gases containing carbon monoxide in the event of fire.

SECTION 11: Toxicological information

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

Acute toxicity - oral

ethyl acrylate, cas-no 140-88-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATE		1120 mg/kg bw			
Rat	LD50		1120 mg/kg bw/day			

Ingestion may cause discomfort. The product does not have to be classified. Based on existing data, the classification criteria

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are deemed not to have been met.

Acute toxicity - dermal

ethyl acrylate, cas-no 140-88-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATE		1800 mg/kg bw			
Rat	LD50		3049 mg/kg bw/day			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - inhalation

ethyl acrylate, cas-no 140-88-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATE (vapours)		9 mg/l			
Rat	LC50		5900 mg/m ²			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Skin corrosion/irritation

ethyl acrylate, cas-no 140-88-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit				Irritating		

May cause slight irritation. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Serious eye damage/eye irritation

ethyl acrylate, cas-no 140-88-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit				Irritating		

Temporary irritation. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Respiratory sensitisation or skin sensitisation:

The product contains small amounts of ethyl acrylate. Persons with a known allergy may exhibit an allergic response to the product. The product does not have to be classified. Test data are not available.

Germ cell mutagenicity:

The product does not have to be classified. Test data are not available.

Carcinogenic properties

ethyl acrylate, cas-no 140-88-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	NOEL (inhalativ)		> 920 mg/m ³			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. The product contains at least one substance that is suspected of being carcinogenic.

Reproductive toxicity:

The product does not have to be classified. Test data are not available for all substances.

Single STOT exposure:

If ingested, can be irritating to mucous membranes of the mouth and gastrointestinal tract. The product does not have to be classified. Test data are not available.

Repeated STOT exposure:

The product does not have to be classified. Test data are not available.

Aspiration hazard:

The product does not have to be classified. Test data are not available.

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11.2. Information on other hazards

Endocrine disrupting properties: None known.

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

The product contains small quantities of environmentally hazardous substances. The product does not have to be classified. Test data are not available.

12.2. Persistence and degradability

Test data are not available for all substances.

12.3. Bioaccumulative potential

Test data are not available.

12.4. Mobility in soil

Expected to be mobile in soil.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water. If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste (Dir. 2008/98/EU). Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements. Empty, cleansed packaging should be disposed of for recycling. Uncleansed packaging is to be disposed of via the local waste-removal scheme.

EWC code: Depends on line of business and use, for instance 16 05 09 discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08

Absorbent/cloth contaminated with the product: EWC code: 15 02 03 absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02

SECTION 14: Transport information

14.1. UN number or ID number: 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.

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14.6. Special precautions for user

None.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

Other Information: The product is not covered by the rules for transport of dangerous goods, as the product cannot sustain combustion.

SECTION 15: Regulatory information

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

Special Provisions:

None known.

15.2. Chemical Safety Assessment

REACH Reg. No.	Substance name
01-2119457435-35	1-methoxy-2-propanol
01-2119457558-25	propan-2-ol

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
1.0.0	16/07/2025	JST	

Abbreviations:

DNEL: Derived No Effect Level
PBT: Persistent, Bioaccumulative and Toxic
PNEC: Predicted No Effect Concentration
STOT: Specific Target Organ Toxicity
UFI: Unique formula identifier.
vPvB: Very Persistent and Very Bioaccumulative

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 1907/2006/EC (REACH) as subsequently changed.

Training advice:

A thorough knowledge of this safety data sheet should be a prerequisite condition.

Classification method:

Calculation based on the hazards of the known components.

Hazard statements

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.

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H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.

Supplemental hazard information

EUH208 Contains ethyl acrylate. May produce an allergic reaction.

SDS is prepared by

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