

Safety Data Sheet

Leathercolour

Replaces date: 12/02/2020

Revision date: 08/03/2021
Version: 1.2.0

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

1.1. Product identifier

Trade name: Leathercolour

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
E-mail: guardian@guardian.dk
Phone: +45 75471767
Fax: +45 75471787

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

2.2. Label elements

P-phrases

P101 If medical advice is needed, have product container or label at hand.

Supplemental information

EUH208 Contains ethyl acrylate. May produce an allergic reaction.
EUH210 Safety data sheet available on request.

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
propan-2-ol	67-63-0-O	200-661-7	01-2119457558-25	5 -< 10%		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336
1-methoxy-2-propanol	107-98-2	203-539-1	01-2119457435-35	5 -< 10%		Flam. Liq. 3;H226 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
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. 4;H332 STOT SE 3;H335

Please see section 16 for the full text of H-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

Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

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.

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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 away from food, animal feeding stuffs, medicines, etc. Store frost-free. Do not store with the following: Strong oxidisers. Keep in tightly closed original packaging.

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/cm ³	Comments	Remarks
propan-2-ol	-	400	999			
1-methoxy-2-propanol	-	100	375			Sk
ethyl acrylate	-	5	21			

Sk = Can be absorbed through the skin.

Measuring methods:

Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

Legal basis:

EH40/2005 Workplace exposure limits. Last amended January 2020.

PNEC

propan-2-ol, cas-no 67-63-0-O				
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			

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PNEC oral (foodstuffs)	160 mg/kg			
PNEC sediment (freshwater)	552 mg/kg			
PNEC sediment (marine water)	552 mg/kg			
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			
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			
PNEC STP (wastewater-treatment facilities)	10 mg/l			
PNEC oral (foodstuffs)	0,01 mg/kg			

DNEL - workers

propan-2-ol, cas-no 67-63-0-O					
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/m ³				
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				

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Inhalation DNEL (acute/short-term exposure - local effects)	553,5 mg/m ³				
Inhalation DNEL (long-term exposure - systemic effects)	369 mg/m ³				
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/m ³				

DNEL - general population

propan-2-ol, cas-no 67-63-0-O					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
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				
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/m ³				
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.

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Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166.

Personal protective equipment, skin protection: Wear gloves. Type of material: Nitrile rubber. Gloves must conform to EN 374.

Personal protective equipment, respiratory protection: In case of insufficient ventilation, wear respiratory protective equipment. 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.
Explosive properties	Non-explosive
Oxidising properties	Non-oxidising.

Parameter	Value/unit	Remarks
pH (solution for use)	2 - 11.5	
pH (concentrate)	No data	
Melting point	< 0 °C	
Freezing point	No data	
Initial boiling point and boiling range	88 °C	
Flash Point	41	
Evaporation rate	< 1	(n-butyl acetate = 1)
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	2 - 12 vol%	
Vapour pressure	No data	
Vapour density	No data	
Relative density	1 g/ml	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	> 210 °C	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

9.2. Other information

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.

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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

None known.

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
Rat	LD50		1120mg/kg bw/day			

Ingestion may cause discomfort. The product does not have to be classified. Based on existing data, the classification criteria 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
Rat	LD50		3049mg/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
Rat	LC50		5900mg/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.

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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.

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	#Not translated#		> 920mg/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. No indications.

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.

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

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

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water.

Contact the local authorities.

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.

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Category of waste: 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

SECTION 14: Transport information

14.1. UN number or ID number: Not applicable. **14.4. Packing group:** Not applicable.
14.2. UN proper shipping name: Not applicable. **14.5. Environmental hazards:** Not applicable.
14.3. Transport hazard class(es): Not applicable.

14.6. Special precautions for user

None.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

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

Special Provisions: Covered by:

None.

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
1.2.0	08/03/2021	Bureau Veritas HSE / THS	-

Abbreviations: PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity

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.

List of relevant H-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.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.

SDS is prepared by

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