

## Safety data sheet

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### **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**

Recommended uses: Leather tanning, dye, finishing, impregnation and care products (PC23)  
Consumer uses: Private households (= general public = consumers) (SU21).

#### **1.3. Details of the supplier of the safety data sheet**

Supplier: Guardian Protection Products A/S  
Knudevejen 22  
6600 Vejen  
Denmark  
Tel: +45 75471767  
Fax: +45 75471787  
Email: guardian@guardian.dk

#### **1.4. Emergency telephone number**

0870 600 6266 (UK only) Only available to health professionals.

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### **SECTION 2: Hazards identification**

#### **2.1. Classification of the substance or mixture**

CLP-classification (Regulation (EC)  
No 1272/2008):

The product shall not be classified as hazardous according to the classification and labelling rules for substances and mixtures.

Most serious harmful effects:

#### **2.2. Label elements**

The product shall not be classified as hazardous according to the classification and labelling rules for substances and mixtures.

Supplemental information:

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

#### **2.3. Other hazards**

The product does not contain any PBT or vPvB substances.

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Registration number	CAS/EC Number	Substance	CLP-classification (Regulation (EC) No 1272/2008)	w/w% Note
01-211945735-35-XXXX	107-98-2 203-539-1	1-methoxy-2-propanol	Flam. Liq. 3;H226 STOT SE 3;H336	5-10 .
01-211945755-25-XXXX	67-63-0 200-661-7	propan-2-ol	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336	. 5-10 .
.	140-88-5	ethyl acrylate	Flam. Liq. 2;H225 Acute Tox. 4;H332	. 0,1-1 .
.	205-438-8	.	Acute Tox. 4 ;H312 Acute Tox. 4;H302	. . .
.	.	.	Eye Irrit. 2;H319 STOT SE 3;H335 Skin Irrit. 2;H315	. . .
.	.	.	Skin Sens. 1;H317	. . .

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

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## 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:	Remove contaminated clothing. Wash the skin with water. Seek medical advice in case of persistent discomfort.
Eyes:	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
Other information:	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.

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

Treat symptoms. No special immediate treatment required.

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## 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.

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## 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.

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## 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 limits:

Ingredient:	Exposure limit	Comments
1-methoxy-2-propanol	100 (8h), 150 (15m) ppm 375 (8h), 560 (15m) mg/m <sup>3</sup>	Sk
ethyl acrylate	5 (8h), 10 (15m) ppm 21 (8h), 42 (15m) mg/m <sup>3</sup>	-
propan-2-ol	400 (8h), 500 (15m) ppm 999 (8h), 1250 (15m) mg/m <sup>3</sup>	-

Legal basis: EH40/2005 Workplace exposure limits. Last amended December 2011.

Comments: Sk: Can be absorbed through skin

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

DNEL values: 67-63-0:  
Workers:  
Dermal DNEL (long-term exposure - systemic effects), 888 mg/kg bw/day,  
Inhalation DNEL (long-term exposure - systemic effects), 500 mg/m<sup>3</sup>,  
General population:  
Dermal DNEL (long-term exposure - systemic effects), 319 mg/kg bw/day,  
Inhalation DNEL (long-term exposure - systemic effects), 89 mg/m<sup>3</sup>,  
Oral DNEL (long-term exposure - systemic effects), 26 mg/kg bw/day,

107-98-2:  
Workers:  
Dermal DNEL (long-term exposure - systemic effects), 50,6 mg/kg bw/day,  
Inhalation DNEL (acute/short-term exposure - local effects), 553,5 mg/m<sup>3</sup>,  
Inhalation DNEL (long-term exposure - systemic effects), 369 mg/m<sup>3</sup>,  
General population:  
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<sup>3</sup>,

140-88-5:  
Workers:  
Inhalation DNEL (long-term exposure - local effects), 21 mg/m<sup>3</sup>,  
General population:  
Inhalation DNEL (long-term exposure - local effects), 2,5 mg/m<sup>3</sup>,

PNEC values: 67-63-0:  
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,

107-98-2-D:  
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,

140-88-5:  
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,

## 8.2. Exposure controls

Appropriate engineering controls:	Wear the personal protective equipment specified below.
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.

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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

State:	Liquid
Colour:	White
Odour:	Characteristic
Odour threshold:	No data
pH (solution for use):	2 - 11,5
pH (concentrate):	No data
Melting point/freezing point:	< 0 °C
Initial boiling point and boiling range:	88 °C
Flash point:	41 °C
Evaporation rate:	<1 (n-butylacetat = 1)
Flammability (solid, gas):	No data
Upper/lower flammability limits:	No data
Upper/lower explosive limits:	2 (Propan-2-ol) - 12 vol%
Vapour pressure:	>2300 Pa
Vapour density:	>1 (luft=1)
Relative density:	1 g/ml
Solubility:	Soluble in the following: Water.
Partition coefficient n-octanol/water:	No data
Auto-ignition temperature:	> 210 °C

Decomposition temperature: No data  
Viscosity: No data  
Explosive properties: Non-explosive  
Oxidising properties: Non-oxidising.

## 9.2. Other information

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### 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

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.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity - oral: 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.  
140-88-5:  
Rat: LD50 = 1120 mg/kg bw/day

Acute toxicity - dermal: The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.  
140-88-5:  
Rat: LD50 = 3049 mg/kg bw/day

Acute toxicity - inhalation: The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.  
140-88-5:  
Rat: LC50 = 5900 mg/m<sup>2</sup>

Skin corrosion/irritation: 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.  
140-88-5:  
Rabbit: Irritating (OECD 404)

Serious eye damage/eye irritation: Temporary irritation. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.  
140-88-5:  
Rabbit: Irritating

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

Carcinogenic properties:	deemed not to have been met. The product contains at least one substance that is suspected of being carcinogenic. 140-88-5: Rat: NOEL (carc. inh.) >920mg/m <sup>3</sup> (OECD 453)
Reproductive toxicity:	The product does not have to be classified. Test data are not available for all substances 140-88-5: 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.

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## 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

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. Other adverse effects

None known.

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Avoid discharge to drain or surface water.

Contact the local authorities.

EWC code: Depends on line of business and use, for instance 16 05 09discarded 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.

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## SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods.

### 14.1. UN number

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### 14.2. UN proper shipping name

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- 14.3. Transport hazard class(es)** -  
**14.4. Packing group** -  
**14.5. Environmental hazards** -  
**14.6. Special precautions for user** -  
**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** -
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## SECTION 15: Regulatory information

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

Special provisions: None.

### 15.2. Chemical safety assessment

Chemical safety assessments have been performed for the following substances:

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## SECTION 16: Other information

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

Classification method: Calculation based on the hazards of the known components.

H-phrases: H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
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.

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

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.

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