

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : **Lascaux Remover (2098)**
Revision date : 15.08.2024
Print date : 10.06.2025

Version (Revision) : 5.0.0 (4.0.0)

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

1.1 Product identifier

Lascaux Remover (2098)
Unique Formula Identifier : TC1R-2KPM-900E-R0N0

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

Product for Printmaking

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier :	Lascaux Colours & Restauro, Barbara Diethelm AG
Street :	Zürichstrasse 42
Postal code/City :	CH-8306 Brüttsellen
Telephone :	+41 44 807 41 41
Telefax :	+41 44 807 41 40
Information contact :	Lab, +41 44 807 41 42, labor.swiss@lascaux.ch
European address :	Lascaux Colours & Restauro Europe GmbH
Street :	Turmstrasse 11
Postal code/City :	D-78467 Konstanz
Telephone :	+49 7531 911 3996
Telefax :	+49 7531 911 3997
Information contact :	Lab, +41 44 807 41 42, labor.swiss@lascaux.ch

1.4 Emergency telephone number

Tox Info Suisse, 24-h-emergency number 145, Tel. +41 44 251 51 51

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.
Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Corrosion (GHS05)

Signal word

Danger

Hazard components for labelling

ALCOHOL (C9-C11) ETHOXYLATE (8EO) ; CAS No. : 68439-46-3
2-AMINOETHANOL ; CAS No. : 141-43-5

Hazard statements

H318 Causes serious eye damage.

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H315 Causes skin irritation.

Precautionary statements

P102 Keep out of reach of children.
P101 If medical advice is needed, have product container or label at hand.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P310 Immediately call a POISON CENTER/doctor/....
P332+P313 If skin irritation occurs: Get medical advice/attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P362+P364 Take off contaminated clothing and wash it before reuse.

Special rules for supplemental label elements for certain mixtures

EUH208 Contains (R)-P-MENTHA-1,8-DIENE. May produce an allergic reaction.

2.3 Other hazards

Adverse environmental effects

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

2-BUTOXYETHANOL ; EC No. : 203-905-0; CAS No. : 111-76-2

Weight fraction : $\geq 10 - < 15$ %
Classification 1272/2008 [CLP] : Acute Tox. 3 ; H331 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319
Specific Conc. Limits : (ATE - oral : 1200 mg/kg) • (ATE - inhalative (vapour) : 3 mg/L)

ALCOHOL (C9-C11) ETHOXYLATE (8EO) ; CAS No. : 68439-46-3

Weight fraction : $\geq 3 - < 5$ %
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

2-AMINOETHANOL ; EC No. : 205-483-3; CAS No. : 141-43-5

Weight fraction : $\geq 1 - < 3$ %
Classification 1272/2008 [CLP] : Skin Corr. 1B ; H314 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Acute Tox. 4 ; H312
Acute Tox. 4 ; H332 STOT SE 3 ; H335 Aquatic Chronic 3 ; H412
Specific Conc. Limits : STOT SE 3 ; H335: C ≥ 5 %

(R)-P-MENTHA-1,8-DIENE ; EC No. : 227-813-5; CAS No. : 5989-27-5

Weight fraction : $\geq 0.5 - < 1$ %
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Asp. Tox. 1 ; H304 Skin Irrit. 2 ; H315 Skin Sens. 1B ; H317
Aquatic Acute 1 ; H400 Aquatic Chronic 3 ; H412
Specific Conc. Limits : (M Acute=1)

Additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

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

Following inhalation

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Take the casualty into the fresh air and keep warm. Keep at rest. Irregular breathing/no breathing: artificial respiration. Unconsciousness: lateral position - call a physician.

In case of skin contact

Wash away with soap and water and rinse. Do NOT use solvents or thinners.

After eye contact

Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.). Call a physician.

Following ingestion

Contact a doctor immediately. Keep at rest. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Alcohol resistant foam, CO₂, powders, water spray.

Unsuitable extinguishing media

Waterjet.

5.2 Special hazards arising from the substance or mixture

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

5.3 Advice for firefighters

Special protective equipment for firefighters

Appropriate breathing apparatus may be required.

5.4 Additional information

Do not allow the quenching water into the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from ignition sources and provide for good ventilation. Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

For cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents.

6.4 Reference to other sections

None

SECTION 7: Handling and storage

7.1 Precautions for safe handling

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Do not eat or drink during work - no smoking. Comply with the health and safety at work laws. For personal protection see Section 8.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No particular measures required.

Hints on joint storage

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

Storage class (TRGS 510) (D) : 8B

Further information on storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep containers dry and cool. Comply with the health and safety at work laws.

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

2-BUTOXYETHANOL ; CAS No. : 111-76-2

Limit value type (country of origin) : MAK (CH)

Limit value : 49 mg/m³ / 10 ppm

Remark : H SSC B

Version : 31.01.2022

Limit value type (country of origin) : STEL (CH)

Limit value : 98 mg/m³ / 20 ppm

Remark : H SSC B

Version : 31.01.2022

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 10 ppm / 49 mg/m³

Peak limitation : 2(II)

Remark : H,Y

Version : 23.06.2022

Limit value type (country of origin) : TRGS 903 (D)

Parameter : Butoxyacetic acid (after hydrolysis) / Urine (U) / End of exposure or end of shift ; At long term exposure: after several previous shifts

Limit value : 150 mg/g Creatinine

Version : 25.02.2022

Limit value type (country of origin) : STEL (EC)

Limit value : 50 ppm / 246 mg/m³

Remark : Skin

Version : 20.06.2019

Limit value type (country of origin) : TWA (EC)

Limit value : 20 ppm / 98 mg/m³

Remark : Skin

Version : 20.06.2019

2-AMINOETHANOL ; CAS No. : 141-43-5

Limit value type (country of origin) : MAK (CH)

Limit value : 5 mg/m³ / 2 ppm

Remark : S

Version : 31.01.2022

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Limit value type (country of origin) : STEL (CH)
Limit value : 10 mg/m³ / 4 ppm
Remark : S
Version : 31.01.2022

Limit value type (country of origin) : TRGS 900 (D)
Limit value : 0.2 ppm / 0.5 mg/m³
Peak limitation : 1(I)
Remark : H, Sh, Y
Version : 23.06.2022

Limit value type (country of origin) : STEL (EC)
Limit value : 3 ppm / 7.6 mg/m³
Remark : Skin
Version : 20.06.2019

Limit value type (country of origin) : TWA (EC)
Limit value : 1 ppm / 2.5 mg/m³
Remark : Skin
Version : 20.06.2019

(R)-P-MENTHA-1,8-DIENE ; CAS No. : 5989-27-5
Limit value type (country of origin) : MAK (CH)
Limit value : 40 mg/m³ / 7 ppm
Remark : S SSC
Version : 31.01.2022

Limit value type (country of origin) : STEL (CH)
Limit value : 80 mg/m³ / 14 ppm
Remark : S SSC
Version : 31.01.2022

Limit value type (country of origin) : TRGS 900 (D)
Limit value : 5 ppm / 28 mg/m³
Peak limitation : 4 (II)
Remark : H, Sh, Y
Version : 23.06.2022

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Wear protective glasses in case of splashes.

Skin protection

Body protection

After skin contact wash thoroughly with soap and water or use recognised skin cleanser. Do Not use solvents or thinners.

Respiratory protection

If workplace limits are exceeded, a gas mask approved for this purpose must be worn.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Liquid

Colour : yellowish

Odour

characteristic

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Safety characteristics

Initial boiling point and boiling range :	(1013 hPa)	approx.	100	°C
Flash point :			not applicable	
Vapour pressure :	(50 °C)	approx.	120	hPa
Density :	(20 °C)	approx.	1	g/cm ³
pH :		approx.	11.5	
Viscosity :	(20 °C)		1 - 10	mPa*s

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

SECTION 11: Toxicological information

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

Acute toxicity

Acute oral toxicity

Parameter :	LD50 (2-BUTOXYETHANOL ; CAS No. : 111-76-2)
Exposure route :	Oral
Species :	Rat
Effective dose :	1480 mg/kg
Parameter :	LD50 (2-AMINOETHANOL ; CAS No. : 141-43-5)
Exposure route :	Oral
Species :	Rat
Effective dose :	2100 mg/kg
Parameter :	LD50 ((R)-P-MENTHA-1,8-DIENE ; CAS No. : 5989-27-5)
Exposure route :	Oral
Species :	Rat
Effective dose :	5000 mg/kg

Acute dermal toxicity

Parameter :	LD50 (2-AMINOETHANOL ; CAS No. : 141-43-5)
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	1000 mg/kg

Acute inhalation toxicity

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Parameter : LC50 (2-BUTOXYETHANOL ; CAS No. : 111-76-2)
Exposure route : Inhalation
Species : Rat
Effective dose : 500 ppm
Parameter : LC50 (2-BUTOXYETHANOL ; CAS No. : 111-76-2)
Exposure route : Inhalation
Species : Mouse
Effective dose : 700 ppm

11.2 Information on other hazards

No information available.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

No information available.

12.8 Additional ecotoxicological information

There are no data available on the product itself. Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

13.1 Waste treatment methods

Directive 2008/98/EC (Waste Framework Directive)

After intended use

Waste codes/waste designations according to EWC/AVV

08 01 11: waste paint and varnish containing organic solvents or other dangerous substances.

SECTION 14: Transport information

14.1 UN number or ID number

UN 2801

14.2 UN proper shipping name

Land transport (ADR/RID)

DYE, CORROSIVE, LIQUID, N.O.S. (ETHANOLAMINE)

Sea transport (IMDG)

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DYE, CORROSIVE, LIQUID, N.O.S. (ETHANOLAMINE)

Air transport (ICAO-TI / IATA-DGR)

DYE, CORROSIVE, LIQUID, N.O.S. (ETHANOLAMINE)

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 8
Classification code : C9
Hazard identification number (Kemler No.) : 88
Tunnel restriction code : E
Special Provisions : LQ 0 · E 0
Hazard label(s) : 8

Sea transport (IMDG)

Class(es) : 8
EmS-No. : F-A / S-B
Special Provisions : LQ 0 · E 0
Hazard label(s) : 8

Air transport (ICAO-TI / IATA-DGR)

Class(es) : 8
Special Provisions : E 0
Hazard label(s) : 8

14.4 Packing group

I

14.5 Environmental hazards

Land transport (ADR/RID) : No
Sea transport (IMDG) : No
Air transport (ICAO-TI / IATA-DGR) : No

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

EU legislation

Authorisations and/or restrictions on use

Restrictions on use

Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)

Use restriction according to REACH annex XVII, no. : 3, 40, 75

National regulations

U.S.A. Conforms to ASTM D-4236.

Technische Anleitung Luft (TA-Luft) (D) :

Weight fraction (Number 5.2.5. I) : 15 - 20 %

Water hazard class

Classification according to AwSV - Class (D) : 1 (Slightly hazardous to water)

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

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16.1 Indication of changes

02. Classification of the substance or mixture · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 03. Hazardous ingredients · 08. Occupational exposure limit values · 14. UN proper shipping name - Land transport (ADR/RID) · 14. UN proper shipping name - Sea transport (IMDG) · 14. UN proper shipping name - Air transport (ICAO-TI / IATA-DGR) · 15. Restrictions on use · 15. Technische Anleitung zur Reinhaltung der Luft (TA-Luft) · 15. Water hazard class

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
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.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

16.6 Training advice

None

16.7 Additional information

The details in this material safety data sheet satisfy national and EC legislation. We have no knowledge or control over the user's working conditions however. The product may not be used for any purpose other than that specified in chapter 1 unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.