



Material Safety Data Sheet

Concentrated Leather Dye

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

1.1 Product identifier

Product Name: Concentrated Leather Dye

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

1.3 Details of the supplier of the safety data sheet

Company Name: Buffalo Leather Repair & Care Ltd
Unit 2c Hillthorpe Farm
Knott Lane
Little Hoole
Preston
PR4 4TB

Tel: 01772 611449

Email: contact@buffaloleather.co.uk

1.4 Emergency Telephone Number

Emergency tel: 01772 611449

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification under CHIP: -: R10; Xi: R36; -: R67

Classification under CLP: STOT SE 3: H336; Eye Irrit. 2: H319; Flam. Liq. 3: H226

Most important adverse effects: Flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

2.2 Label elements

Label elements under CLP:

Hazard statements: H226: Flammable liquid and vapour.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

Signal words: Warning

Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark



Precautionary statements:

P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking

P241: Use explosion-proof electrical/ventilating/lighting equipment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303 + P361 + P353: IF ON SKIN (or hair) : Remove all contaminate clothing immediately.

Rinse skin with water.

P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

Label elements under CHIP:

Hazard symbols: Irritant



Risk Phrases:

R10: Flammable.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness or dizziness.

Safety Phrases:

S2: Keep out of the reach of children.

S46: If swallowed, seek medical advice immediately and show this container or label.

2.3 Other Hazards

Other hazards: In use, may form flammable/explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients.

3.2 Mixtures

Hazardous ingredients:

1-METHOXY-2-PROPANOL

EINECS	CAS	CHIP Classification	CLP Classification	Percent
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203-539-1	107-98-2	-: R10; -: R67	Flam. Liq. 3: H226; STOT SE 3: H336	50-70%
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2-PHENOXYETHANOL

204-589-7	122-99-6	Xn: R22; Xi: R36	Acute Tox. 4: H302; Eye Irrit. 2: H319	10-30%
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2-(2-BUTOXYETHOXY)ETHANOL

203-961-6	112-34-5	Xi: R36	Eye Irrit. 2: H319	10-30%
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Section 4: First aid measures

4.1 Description of first aid measures.

Skin contact:	Remove all contaminated footwear and clothing immediately, unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact:	Rinse immediately with running water for 15 minutes. Consult a doctor.
Ingestion:	Wash out mouth with water. Consult a doctor.
Inhalation:	Remove person from exposure ensuring one's own safety. Consult a doctor.

4.2 Most important symptoms and affects, both acute and delayed

Skin contact:	There may be redness and irritation at the site of contact.
Eye contact:	There may be redness and irritation and the eyes may water profusely.
Ingestion:	There may be redness and soreness of the mouth and throat. .
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. May also cause coughing and wheezing.
Delayed/immediate effects:	Immediate effects can be expected after short term exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Eye bathing equipment should be available.

Section 5: Fire-fighting measures

5.1 Extinguishing media

Extinguishing media: Dry chemical powder. Alcohol resistant foam. Water spray. Carbon dioxide. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

5.3 Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of MSDS for personal protection details. If outside, do not approach from downwind. Keep bystanders upwind and away from danger point/area. Mark out the contaminated area with signage to prevent access by unauthorised persons. Turn any leaking containers leak-side up, to prevent escape of liquid. Eliminate all sources of ignition.

6.2 Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain any spillage using bunding.

6.3 Methods and material for containment and cleaning up

Clean up: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by the appropriate method. Do not use equipment that may cause sparks.

6.4 Reference to other sections

Refer to section 8

Section 7: Handling and storage

7.1 Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation in the area. Do not handle the product in a confined space. Avoid the formation or spread of mists in the air. Do not smoke. Use non-sparking tools.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

7.3 Specific end use(s)

No data available.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Hazardous ingredients:

1-METHOXY-2-PROPANOL

Workplace exposure limits:

Respirable dust

State	8 Hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	375 mg/m ³	560 mg/m ³	-	-

2-PHENOXYETHANOL

UK	110 mg/m ³	110 mg/m ³	-	-
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2-(2-BUTOXYETHOXY)ETHANOL

UK	67.5 mg/m3	101.2 mg/m3	-	-
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DNEL / PNEC: No data available

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Skin protection: Protective clothing.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Hand protection: Protective gloves.

Respiratory protection: Self contained breathing apparatus must be available in case of emergency.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State: Liquid

Odour: Characteristic odour

Colour: Green

Flash point °C: 23 - 60 **Relative density:** 1.0

VOC g/l: 552

9.2 Other information

None available.

Section 10: Stability and reactivity

10.1 Reactivity

Stable under recommended transport/storage conditions.

10.2 Chemical stability

Stable under normal conditions and room temperature.

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid

Avoid heat, hot surfaces , sources of ignition and flames.

10.5 Incompatible materials

Strong acids. Strong oxidising agents.

10.6 Hazardous decomposition products

In combustion emits toxic fumes.

Section 11: Toxicological information

11.1 Information on toxicological effects

Hazardous ingredients:

1-METHOXY-2-PROPANOL

INTRAVENOUS	RAT	LD50	4200	mg/kg
ORAL	MOUSE	LD50	11700	mg/kg
ORAL	RAT	LDL0	3739	mg/kg

2-PHENOXYETHANOL

ORAL	MOUSE	LD50	933	mg/kg
ORAL	RAT	LD50	1260	mg/kg
SKIN	RAT	LDL0	14422	mg/kg

2-(2-BUTOXYETHOXY)ETHANOL

ORAL	MOUSE	LD50	6050	mg/kg
ORAL	RAT	LD50	4500	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPTICAL	Hazardous: calculated

Symptoms/routes of exposure

Skin contact:	There may be redness and irritation at the site of contact.
Eye contact:	There may be redness and irritation and the eyes may water profusely.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. May also cause coughing and/or wheezing.
Ingestion:	There may be redness and irritation/soreness of the mouth and throat.
Delayed/immediate effects:	Immediate effects can be expected after short term exposure.

Section 12: Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

Biodegradable

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil

Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects

Negligible ecotoxicity

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations: Transfer to a suitable, labelled container and arrange for collection by a specialised disposal company. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1 UN number

UN number: UN1263

14.2 UN Proper Shipping Name

Shipping Name: Paint

14.3 Transport hazard class/classes

Transport Class: 3

14.4 Packing group

Packing group: I

14.5 Environmental hazards

Environmentally hazardous: No Marine pollutant: No

14.6 Special precautions for user

Special precautions: No special precautions

Tunnel Code: D/E

Transport category: 1

Section 15: Regulatory information

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

15.2 Chemical Safety Assessment

Section 16: Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the safety data sheet that has changed since the last revision.

Phrases used in s.2 and s.3:

H226: Flammable liquid and vapour

H302: Harmful if swallowed

H319: Causes serious eye irritation

H336: May cause drowsiness or dizziness

R10: Flammable

R22: Harmful if swallowed

R36: Irritating to eyes

R67: Vapours may cause drowsiness and dizziness

Abbreviations:

PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

LDLO = lethal dose low

EC50 = median effective concentration

IC50 = median inhibitory concentration

Legal disclaimer:

This above data is believed to be correct, based on our present knowledge. However, it does not purport to be all inclusive, shall not constitute a guarantee for any specific product feature and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

This safety sheet is prepared in accordance with Commission Regulation (EU) No. 435/2010.