



Material Safety Data Sheet

Odour Remover for Leather - Refresh Deodoriser

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

1.1 Product identifier

Product Name: Odour Remover for Leather - Refresh Deodoriser

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

Product Use: X[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);

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

If you urgently need medical help or advice but it's not a life-threatening situation, call 111 free from any phone to speak to an NHS adviser. The 24-hour NHS 111 service can give you healthcare advice or direct you to the local service that can help you best.

Section 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.2 Classification - EC 1272/2008	Eye Dam. 1: H318; Skin Irrit. 2: H315; Aquatic Chronic 3: H412 EUH208: Contains fragrance. May produce an allergic reaction.
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2.2 Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Eye Dam. 1: H318 - Causes serious eye damage. Skin Irrit. 2: H315 - Causes skin irritation. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P273 - Avoid release to the environment. P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor/ . P362 - Take off contaminated clothing and wash before reuse.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

Section 3: Composition/information on ingredients.

3.2 Mixtures

EC 1272/2008

Chemical name	Index No.	CAS No.	EC No.	REACH registration Number	Conc (%w/w)	Classification
Alcohols, C12-14 (Even numbered), ethoxylated (*R01)		68002-97-1	500-182-6		1-10%	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400;
2-Aminoethanol	603-030-00-8	141-43-5	205-483-3	01-2119486455-28	1-10%	Acute Tox. 4: H302; Acute Tox. 4: H312; Skin Corr. 1B: H314; Acute Tox. 4: H332; STOT SE 3: H335;
Alkyl (C12-16) dimethylbenzyl ammonium chloride		68424-85-1	270-325-2	01-2119970550-39	1-10%	Acute Tox. 4: H302; Skin Corr. 1B: H314; Eye Dam. 1: H318; Aquatic Acute 1: H400 (M=10); Aquatic Chronic 1: H410 (M=1);
Didecyltrimethylammonium chloride (*R01)		7173-51-5	230-525-2		0-0.5%	Flam. Liq. 3: H226; Acute Tox. 4: H302 Skin Corr. 1B: H314 STOT SE 3: H336 Aquatic Chronic 1: H410
Fragrance					1-10%	Repr. 2: H361; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1: H317; Aquatic Chronic 2: H411;

Active substance(s). Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-C16)) 1.75g/100g. Didecyltrimethylammonium chloride (DDAC). 0.25g/100g.

Section 4: First aid measures

4.1 Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention.
Eye contact	Causes serious eye damage. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor/.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	Causes serious eye damage.
Skin contact	Irritating to skin.
Ingestion	Irritant.

4.3 Indication of any immediate medical attention and special treatment needed

	No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.
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Section 5: Fire-fighting measures

5.1 Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2 Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3 Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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6.2 Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3 Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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6.4 Reference to other sections

	For personal protective equipment see subsection 8.2. For disposal considerations see section 13.
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Section 7: Handling and storage

7.1 Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.
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7.2 Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. For incompatibilities refer to section 10.4.
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7.3 Specific end use(s)

	No specific advice for end use available.
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Section 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Exposure Limit Values - UK

2-Aminoethanol	WEL 8-hr limit ppm:	1
	WEL 15 min limit ppm:	3
	WEL 8-hr limit mg/m ³ :	2.5
	WEL 15 min limit mg/m ³ :	7.6

8.1.1 Occupational Exposure Limits Values (OELVs) - Ireland

2-Aminoethanol	Occupational Exposure Limit Value (8-hour reference period)	1 ppm 2.5 mg/m ³
	Occupational Exposure Limit Value (15-minute reference period)	3 ppm 7.6 mg/m ³

DNEL: Derived no-effect level.



Exposure Pattern - Workers

2-Aminoethanol	Long-term - inhalation - Local effects	3.3 mg/m ³
	Long-term - oral - Systemic effects	1 mg/kg/day
Alkyl (C12-16) dimethylbenzyl ammonium chloride	Long term exposure - systemic effects, Dermal :	5.7 mg/Kg/day
	Long term exposure - systemic effects, Inhalation :	3.96 mg/m ³

Exposure Pattern - General population

2-Aminoethanol	Long-term - inhalation - Local effects	2 mg/m ³
	Long-term - oral - Systemic effects	3.75 mg/kg/day
	Long-term - dermal - Systemic effects	0.24 mg/kg/day
Alkyl (C12-16) dimethylbenzyl ammonium chloride	Long term exposure - systemic effects, Oral	3.4 mg/Kg/day
	Long term exposure - systemic effects, Dermal	3.4 mg/Kg/day
	Long term exposure - systemic effects, Inhalation :	1.64 mg/m ³

8.2 Exposure controls

	 
	Adopt best Manual Handling considerations when handling, carrying and dispensing. Take off immediately all contaminated clothing. Wash hands after handling the product.

8.2.1 Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2 Individual protection measures	Use appropriate personal protective equipment.
Eye / face protection	Safety glasses. (EN166)
Skin protection - Hand protection	Chemical resistant gloves (PVC). (EN 374)
Respiratory protection	Not normally required. Do not breathe gas/fumes/vapour/spray.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Characteristic
pH	>10.0
Melting point	Not determined
Freezing Point	Not determined
Initial boiling point	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not applicable to liquids
Fat Solubility	Not determined
Partition coefficient	Not determined
Autoignition temperature	Not determined
Viscosity	<100 cp @20°C
Explosive properties	Not explosive
Oxidising properties	Not oxidising
Solubility	Soluble in water
Vapour pressure	Not determined

9.2 Other information

Conductivity	Not determined
Surface tension	Not determined
Specific gravity	1.01 g/cm ³

Section 10: Stability and reactivity

10.1 Reactivity

	No reactivity hazards known under normal storage and use conditions.
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10.2 Chemical stability

	Stable under normal conditions.
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10.3 Possibility of hazardous reactions

	No other adverse effects known.
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10.4 Conditions to avoid

	Avoid contact with: Acids.
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Section 11: Toxicological information

11.1 Information on toxicological effects

Skin corrosion/irritation	Irritating to skin. Causes serious eye damage.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No observed effect level.

11.1.4 Toxicological Information

Alcohols, C12-14 (Even numbered), ethoxylated (*R01)	Inhalation Rat LC50/15min: NDA	Dermal Rat LD50 >2,000 mg/kg
	Oral Rat LD50: 1700 mg/kg	Oral Mouse LD50: NDA
	Dermal Rabbit LD50: NDA	Dermal Guinea Pig LD50 NDA
2-Aminoethanol	Inhalation Rat LC50/ 4h (vapours): 1487 mg/l	Dermal Rat LD50 2504 mg/kg
	Oral Rat LD50: 1089 mg/kg	Oral Mouse LD50: NDA
	Dermal Rabbit LD50: NDA	Dermal Guinea Pig LD50 NDA
Alkyl (C12-16) dimethylbenzyl ammonium chloride	3412.5 mg/kg Dermal Rabbit LD50: (EPA OPPTS 870.1200)	Oral Rat NOEL: 1000ppm, 2 years (OECD 453)
	397.5 mg/kg Oral Rat LD50: (OECD 401)	Oral Rat NOAEL: 214mg/kg, 14 days (OECD 407)
	0 0	0 0
Didecyltrimethylammonium chloride (*R01)	Acute oral toxicity (LD50): Rat 238 mg/kg	
	Acute dermal toxicity (LD50): 3 342 Rabbit mg/kg	
	Skin irritation irritating Species: Rabbit Exposure time: 3 min	

Section 12: Ecological information

12.1 Toxicity

Alcohols, C12-14 (Even numbered), ethoxylated (*R01)	Daphnia EC50/48h:	NDA		
	Fish LC50/96h:	NDA		
	Algae LC50/72h:	NDA		
2-Aminoethanol	Daphnia EC50/48h:	65 mg/l		
	Fish LC50/96h:	349 mg/l		
	Algae EC50/72h:	22 mg/l		
Alkyl (C12-16) dimethylbenzyl ammonium chloride	Crustacea (Daphnia magna) EC50/48h:	0.016 mg/l (EU Method C.2)	Fish (Pimephales promelas) NOEC/28days:	0.0322 mg/l (U.S. EPA FIFRA 72-4(a))
	Crustacea (Daphnia magna) NOEC/21days:	0.025 mg/l (OECD 211)	Other (Pseudokirchnerella subcapitata) LC50/96h:	0.03 mg/l (OECD 201)
	Fish (Sheepshead minnow) LC50/96h:	1.28 mg/l (PARCOM 1995 Part B)	Other (Pseudokirchnerella subcapitata) EC10/72h:	0.009 mg/l (OECD 201)
Didecyldimethylammonium chloride (*R01)	Daphnia EC50/48h:	0.062 mg/l		
	Pimephales LC50/96h:	0.19 mg/l		
	Algae ErC50/96h:	0.026 mg/l		

12.2 Persistence and degradability

	No data is available on this product.
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12.3 Bioaccumulative potential

	No data is available on this product.
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Partition coefficient

	No data is available on this product.
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12.4 Mobility in soil

	No data is available on this product.
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12.5 Results of PBT and vPvB assessment

	Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.
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12.6 Other adverse effects

	No other adverse effects known.
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Section 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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Disposal of packaging

	Dispose of in compliance with all local and national regulations. Empty containers can be cleaned with water.
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Further information

	European Waste Catalogue: 20 01 29.
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Section 14: Transport information

14.1 UN number

	The product is not classified as dangerous for carriage.
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14.2 UN proper shipping name

	The product is not classified as dangerous for carriage.
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14.3 Transport hazard class(es)

ADR/RID	The product is not classified as dangerous for carriage.
Subsidiary risk	-
IMDG	The product is not classified as dangerous for carriage.
Subsidiary risk	-
IATA	The product is not classified as dangerous for carriage.
Subsidiary risk	-

14.4 Packing group

Packing group	The product is not classified as dangerous for carriage.
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14.5 Environmental hazards

Environmental hazards	No
Marine pollutant	No

Section 15: Regulatory information

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

	<p>EU regulations:</p> <ul style="list-style-type: none"> • Regulation(EC)No.1907/2006 - REACH • Regulation(EC)No1272/2008 - CLP • Regulation(EC)No.648/2004 - Detergents regulation <p>Ingredients according to EC Detergents Regulation 648/2004</p> <p>non-ionic surfactants less than 5%</p> <p>cationic surfactants less than 5%</p> <p>fragrance less than 5%</p>
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15.2 Chemical safety assessment

	A chemical safety assessment has not been carried out on the mixture.
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Section 16: Other information

Other information

Revision	This document differs from the previous version in the following areas:
Acronyms	<p>Changes to sections: NEW</p> <p>LC: Lethal concentration.</p> <p>LD: Lethal dose.</p> <p>NDA - No data available.</p> <p>NOAEC: No observed adverse effect concentration.</p> <p>NOAEL: No observed adverse effect level.</p> <p>NOEC: No observed effect concentration.</p> <p>NOEL: No observed effect level.</p> <p>PBT: Persistent, bioaccumulative and toxic.</p> <p>SVHC. Substance of very high concern.</p> <p>vPvB. Very persistent and very bioaccumulative.</p> <p>*R01 - Polymer REACH number not available.</p>
Text of Hazard Statements in Section 3	<p>Acute Tox. 4: H302 - Harmful if swallowed.</p> <p>Eye Dam. 1: H318 - Causes serious eye damage.</p> <p>Acute Tox. 4: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled</p> <p>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.</p> <p>STOT SE 3: H335 - May cause respiratory irritation.</p> <p>Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.</p> <p>Aquatic Acute 1: H400 - Very toxic to aquatic life.</p> <p>Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p>

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Internal ref: F000550