

Safety Data Sheet

according to UK REACH Regulation

COLOURLOCK LEATHER FRESH

Revision date: 16.02.2023

Product code: Fresh_farbig_001

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

COLOURLOCK LEATHER FRESH

UFI: XHT0-NQ4F-PQQT-SN3S

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Leather treatment products

1.3. Details of the supplier of the safety data sheet

Company name: LEDERZENTRUM GmbH

Street: Raiffeisenstrasse 1

Place: N-37124 Rosdorf

Telephone: +49 (0)551 770730

Telefax: +49 (0)551 7707322

e-mail: Info@lederzentrum.de

Contact person: Produktsicherheit

Telephone: +49 (0)551 77073241

e-mail: info@lederzentrum.de

Internet: www.lederzentrum.de

1.4. Emergency telephone 0049 700 24112112 (24h)**number:** USA: +1 872 5888271**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

2.2. Label elements**GB CLP Regulation****Precautionary statements**

P102 Keep out of reach of children.

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

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
7732-18-5	water			50 - < 55 %
	231-791-2			
-	polyurethane dispersion			20 - < 25 %
	-			
68131-40-8	Alcohols, C11-15-secondary, ethoxylated			0.1 - < 1 %
	614-295-4		01-2119560577-29	
	Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H332 H302 H315 H318 H412			
68439-49-6	Alcohols, C16-18, ethoxylated			< 0.1 %
	500-212-8			
	Acute Tox. 4, Eye Dam. 1; H302 H318			
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)			< 0.1 %
	-	613-167-00-5		
	Acute Tox. 2, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H310 H301 H314 H318 H317 H400 H410 EUH071			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
68131-40-8	614-295-4	Alcohols, C11-15-secondary, ethoxylated	0.1 - < 1 %
		inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = >= 2000 mg/kg	
68439-49-6	500-212-8	Alcohols, C16-18, ethoxylated	< 0.1 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 10000 mg/kg	
55965-84-9	-	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	< 0.1 %
		inhalation: ATE = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: ATE = 50 mg/kg; oral: ATE = 100 mg/kg Skin Corr. 1C; H314: >= 0,6 - 100 Skin Irrit. 2; H315: >= 0,06 - < 0,6 Eye Dam. 1; H318: >= 0,6 - 100 Eye Irrit. 2; H319: >= 0,06 - < 0,6 Skin Sens. 1A; H317: >= 0,0015 - 100 Aquatic Acute 1; H400: M=100 Aquatic Chronic 1; H410: M=100	

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. If eye irritation persists: Get medical advice/attention.

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After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Observe risk of aspiration if vomiting occurs.

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

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings. Suitable extinguishing media: Water spray, alcohol resistant foam, Dry extinguishing powder, Foam.

Unsuitable extinguishing media

Strong water jet

5.2. Special hazards arising from the substance or mixture

Non-flammable.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up**Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

No special measures are necessary.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

No special measures are necessary.

7.3. Specific end use(s)

Leather treatment products

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
7664-41-7	Ammonia, anhydrous	25	18		TWA (8 h)	WEL
		35	25		STEL (15 min)	WEL
7727-43-7	Barium sulphate, inhalable dust	-	10		TWA (8 h)	WEL
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL
1309-37-1	Rouge, total inhalable	-	10		TWA (8 h)	WEL

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
1309-37-1	Diiron trioxide			
Worker DNEL, long-term		inhalation	local	10 mg/m ³
68131-40-8	Alcohols, C11-15-secondary, ethoxylated			
Consumer DNEL, long-term		inhalation	systemic	21,16 mg/m ³
Worker DNEL, long-term		dermal	systemic	6 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	3 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	3 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	42,32 mg/m ³
68439-49-6	Alcohols, C16-18, ethoxylated			
Worker DNEL, long-term		inhalation	systemic	294 mg/m ³
Worker DNEL, long-term		dermal	systemic	2080 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	1250 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	25 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	87 mg/m ³
7727-43-7	Barium sulfate			
Worker DNEL, long-term		inhalation	local	10 mg/m ³
Worker DNEL, long-term		inhalation	systemic	10 mg/m ³
Consumer DNEL, long-term		oral	systemic	13000 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	10 mg/m ³

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PNEC values

CAS No	Substance	
Environmental compartment		Value
68131-40-8	Alcohols, C11-15-secondary, ethoxylated	
Freshwater		0,02 mg/l
Freshwater (intermittent releases)		0,0153 mg/l
Marine water		0,002 mg/l
Freshwater sediment		28,1 mg/kg
Marine sediment		2,81 mg/kg
Secondary poisoning		22,2 mg/kg
Micro-organisms in sewage treatment plants (STP)		8,24 mg/l
Soil		5,6 mg/kg
68439-49-6	Alcohols, C16-18, ethoxylated	
Freshwater		0,003 mg/l
Freshwater (intermittent releases)		0,1 mg/l
Marine water		0,003 mg/l
Freshwater sediment		68,3 mg/kg
Marine sediment		68,3 mg/kg
Micro-organisms in sewage treatment plants (STP)		1,4 mg/l
Soil		1 mg/kg
7727-43-7	Barium sulfate	
Freshwater		0,115 mg/l
Freshwater sediment		600,4 mg/kg
Micro-organisms in sewage treatment plants (STP)		62,2 mg/l
Soil		207,7 mg/kg

8.2. Exposure controls**Individual protection measures, such as personal protective equipment****Eye/face protection**

Eye protection: not required.

Hand protection

Hand protection is not required.

Skin protection

Body protection: not required.

Respiratory protection

Usually no personal respirative protection necessary.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	100 °C
Flammability:	not applicable not applicable

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Decomposition temperature:	not determined
pH-Value (at 20 °C):	8,5
Water solubility:	easily soluble
Solubility in other solvents	
not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density (at 20 °C):	0,98 g/cm ³
Relative vapour density:	not determined

9.2. Other information**Information with regard to physical hazard classes****Explosive properties**

The product is not: Explosive.

Sustaining combustion:

Sustaining combustion

Self-ignition temperature

Solid:

not applicable

Gas:

not applicable

Oxidizing properties

Not oxidising.

Other safety characteristics**Evaporation rate:**

not determined

Solid content:

not determined

SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

none

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

Based on available data, the classification criteria are not met.

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
68131-40-8	Alcohols, C11-15-secondary, ethoxylated				
	oral	LD50 mg/kg >= 2000	Rat	Study report (2010)	OECD Guideline 423
	dermal	LD50 mg/kg > 2000	Rat	Study report (1997)	OECD Guideline 402
	inhalation vapour	ATE 11 mg/l			
	inhalation dust/mist	ATE 1,5 mg/l			
68439-49-6	Alcohols, C16-18, ethoxylated				
	oral	LD50 mg/kg > 10000	Rat	Study report (1986)	OECD Guideline 401
	dermal	LD50 mg/kg > 2000	Rat	Study report (1979)	OECD Guideline 402
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)				
	oral	ATE 100 mg/kg			
	dermal	ATE 50 mg/kg			
	inhalation vapour	ATE 0,5 mg/l			
	inhalation dust/mist	ATE 0,05 mg/l			

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Additional information on tests

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information**12.1. Toxicity**

The product is not: Ecotoxic.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
68131-40-8	Alcohols, C11-15-secondary, ethoxylated					
	Acute fish toxicity	LL50 1,53 mg/l	96 h	Oncorhynchus mykiss	REACH Registration Dossier	EU Method C.1
	Acute algae toxicity	ErC50 1,03 mg/l	72 h	Pseudokirchneriella subcapitata	REACH Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EL50 5,66 mg/l	48 h	Daphnia magna	REACH Registration Dossier	OECD Guideline 202
	Fish toxicity	NOEC 0,18 mg/l	32 d		REACH Registration Dossier	- Principle of test: A new QSAR techniqu
	Crustacea toxicity	NOEC 0,2 mg/l	21 d		REACH Registration Dossier	- Principle of test: A new QSAR techniqu
	Acute bacteria toxicity	(EC50 824 mg/l)	3 h	activated sludge of a predominantly domestic sewage	REACH Registration Dossier	OECD Guideline 209
68439-49-6	Alcohols, C16-18, ethoxylated					
	Acute fish toxicity	LC50 108 mg/l	96 h	Danio rerio	Study report (2008)	OECD Guideline 203
	Acute algae toxicity	ErC50 > 100 mg/l	72 h	Desmodesmus subspicatus	Study report (1997)	other: EU-Guideline 92/69/EWG
	Acute crustacea toxicity	EC50 51 mg/l	48 h	Daphnia magna	Study report (2000)	OECD Guideline 202
	Fish toxicity	NOEC 0,16 mg/l	10 d	Lepomis macrochirus	Study report (1995)	The effect of the test substance on surv
	Crustacea toxicity	NOEC 0,77 mg/l	21 d	Daphnia magna	Publication (1999)	other: USEPA-TSCA
	Acute bacteria toxicity	(EC50 140 mg/l)	3 h	activated sludge of a predominantly domestic sewage	Study report (1997)	other: EG guideline 88/302/EG, adopted 1

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
68131-40-8	Alcohols, C11-15-secondary, ethoxylated	5,9
68439-49-6	Alcohols, C16-18, ethoxylated	6,73

BCF

CAS No	Chemical name	BCF	Species	Source
68131-40-8	Alcohols, C11-15-secondary, ethoxylated	>= 181		REACH Registration D
68439-49-6	Alcohols, C16-18, ethoxylated	387,5	Pimephales promelas	Publication (2000)

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12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

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

The product has not been tested.

12.6. Endocrine disrupting properties

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

12.7. Other adverse effects

No information available.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

080120 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19

List of Wastes Code - used product

080120 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19

List of Wastes Code - contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)****14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)**14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)**14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

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14.4. Packing group:

No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)**14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 75

2010/75/EU (VOC): 0,005 % (0,045 g/l)

2004/42/EC (VOC): 1,045 % (10,237 g/l)

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Abbreviations and acronyms**

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation)

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IMDG: International Maritime Code for Dangerous Goods

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

VOC: Volatile Organic Compounds

SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>**Relevant H and EUH statements (number and full text)**

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal 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.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)