



# BARRIER CREAM

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 07/07/2015

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Version: 10.0

BARRIER CREAM

K023

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : BARRIER CREAM  
Product code : K023  
Type of product : Cosmetic product  
Vaporizer : Aerosol

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

##### 1.2.1. Relevant identified uses

Main use category : Consumer use  
Use of the substance/mixture : dry work only, effective protection against industrial solvents and greases.

##### 1.2.2. Uses advised against

No additional information available

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

**SELDEN RESEARCH LIMITED** STADEN LANE BUSINESS PARK, STADEN LANE, BUXTON, DERBYSHIRE, SK17 9RZ, UNITED KINGDOM  
Tel: 01298 26226 Fax: 01298 26540 Email: sales@selden.co.uk

#### 1.4. Emergency telephone number

Emergency number : Mon to Fri 8.30am to 5.00pm - 01298 26226

### SECTION 2: Hazards identification

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

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

Not determined

#### 2.2. Label elements

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

No labelling applicable

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
butane substance with national workplace exposure limit(s) (DK, GB, IE)	(CAS No) 106-97-8 (EC no) 203-448-7 (EC index no) 601-004-00-0	5 - 15	F+; R12	Flam. Gas 1, H220 Press. Gas
propane substance with national workplace exposure limit(s) (DK, IE)	(CAS No) 74-98-6 (EC no) 200-827-9 (EC index no) 601-003-00-5	1 - 5	F+; R12	Flam. Gas 1, H220
Sodium N- lauroylsarcosinate	(CAS No) 137-16-6 (EC no) 205-281-5	1 - 5	Xi; R41	Not determined

Full text of R- and H-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

No additional information available

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**4.2. Most important symptoms and effects, both acute and delayed**

No additional information available

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

No additional information available

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

Suitable extinguishing media : Carbon dioxide. Dry powder. Foam.

**5.2. Special hazards arising from the substance or mixture**

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Explosion risk in case of fire.

**5.3. Advice for firefighters**

No additional information available

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

No additional information available

**6.1.2. For emergency responders**

No additional information available

**6.2. Environmental precautions**

No additional information available

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

No additional information available

**6.4. Reference to other sections**

No additional information available

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

Precautions for safe handling : Do not spray on an open flame or other ignition source.

**7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions : Keep away from ignition sources. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Incompatible products : Oxidizing agent. Strong acids. Strong bases.

**7.3. Specific end use(s)**

No additional information available

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

<b>propane (74-98-6)</b>		
Denmark	Local name	Propan
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	1800 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (ppm)	1000 ppm
Ireland	Local name	Propane
Ireland	OEL (8 hours ref) (ppm)	1000 ppm
Ireland	Notes (IE)	Asphx
<b>butane (106-97-8)</b>		
Denmark	Local name	n-Butan
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	1200 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (ppm)	500 ppm
Ireland	Local name	Butane
Ireland	OEL (8 hours ref) (ppm)	1000 ppm
United Kingdom	Local name	Butane
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	1450 mg/m <sup>3</sup>

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butane (106-97-8)		
United Kingdom	WEL TWA (ppm)	600 ppm
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	1810 mg/m <sup>3</sup>
United Kingdom	WEL STEL (ppm)	750 ppm
United Kingdom	Remark (WEL)	Carc, (only applies if Butane contains more than 0.1% of buta-1,3-diene)

**8.2. Exposure controls**

No additional information available

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

Physical state	: Liquid
Appearance	: Aerosol.
Colour	: Colourless.
Odour	: sharp.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0,88
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

**9.2. Other information**

No additional information available

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

No additional information available

**10.2. Chemical stability**

No additional information available

**10.3. Possibility of hazardous reactions**

No additional information available

**10.4. Conditions to avoid**

Direct sunlight. Heat. Open flame.

**10.5. Incompatible materials**

No additional information available

**10.6. Hazardous decomposition products**

No additional information available

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Acute toxicity : Not classified

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Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

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Vaporizer	Aerosol
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**SECTION 12: Ecological information****12.1. Toxicity****Sodium N- lauroylsarcosinate (137-16-6)**

LC50 fishes 1	> 100 mg/l
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**12.2. Persistence and degradability**

No additional information available

**12.3. Bioaccumulative potential****Sodium N- lauroylsarcosinate (137-16-6)**

Log Pow	4,1
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**12.4. Mobility in soil**

No additional information available

**12.5. Results of PBT and vPvB assessment**

No additional information available

**12.6. Other adverse effects**

No additional information available

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

Waste disposal recommendations : Do not pierce or burn, even after use.

**SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

**14.1. UN number**

UN-No. (ADR)	: 1950
UN-No. (IMDG)	: 1950
UN-No.(IATA)	: 1950

**14.2. UN proper shipping name**

Proper Shipping Name (ADR)	: AEROSOLS
Proper Shipping Name (IMDG)	: AEROSOLS
Proper Shipping Name (IATA)	: AEROSOLS, FLAMMABLE
Transport document description (ADR)	: UN 1950 AEROSOLS, 2.1, (D)
Transport document description (IMDG)	: UN 1950 AEROSOLS, 2.1

**14.3. Transport hazard class(es)****ADR**

Transport hazard class(es) (ADR)	: 2.1
Danger labels (ADR)	: 2.1



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**IMDG**

Transport hazard class(es) (IMDG) : 2.1  
 Danger labels (IMDG) : 2.1

**IATA**

Transport hazard class(es) (IATA) : 2.1  
 Hazard labels (IATA) : 2.1

**14.4. Packing group**

Packing group (ADR) : Not applicable  
 Packing group (IMDG) : Not applicable  
 Packing group (IATA) : Not applicable

**14.5. Environmental hazards**

Dangerous for the environment : No  
 Marine pollutant : No  
 Other information : No supplementary information available

**14.6. Special precautions for user****- Overland transport**

Classification code (ADR) : 5F  
 Special provisions (ADR) : 190, 327, 344, 625  
 Limited quantities (ADR) : 1L  
 Excepted quantities (ADR) : E0  
 Packing instructions (ADR) : P207, LP02  
 Special packing provisions (ADR) : PP87, RR6, L2  
 Mixed packing provisions (ADR) : MP9  
 Transport category (ADR) : 2  
 Special provisions for carriage - Packages (ADR) : V14  
 Special provisions for carriage - Loading, unloading and handling (ADR) : CV9, CV12  
 Special provisions for carriage - Operation (ADR) : S2  
 Tunnel restriction code (ADR) : D

**- Transport by sea**

Special provisions (IMDG) : 63, 190, 277, 327, 344, 959  
 Limited quantities (IMDG) : SP277  
 Excepted quantities (IMDG) : E0  
 Packing instructions (IMDG) : P207, LP02  
 Special packing provisions (IMDG) : PP87, L2  
 EmS-No. (Fire) : F-D  
 EmS-No. (Spillage) : S-U  
 Stowage category (IMDG) : None

**- Air transport**

PCA Excepted quantities (IATA) : E0

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PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provisions (IATA)	: A145, A167, A802
ERG code (IATA)	: 10L

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

IBC code : Not applicable.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. EU-Regulations**

Contains no substances with Annex XVII restrictions  
 Contains no substance on the REACH candidate list  
 Contains no REACH Annex XIV substances

Allergenic fragrances (Cosmetics):

D-LIMONENE
LINALOOL
CITRONELLOL
BUTYLPHENYL METHYLPROPIONAL
CINNAMYL ALCOHOL
GERANIOL
HYDROXYCITRONELLAL

**15.1.2. National regulations****Germany**

VwVwS Annex reference : Water hazard class (WGK) 1, slightly hazardous to water (Classification according to VwVwS, Annex 4)  
 12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

**15.2. Chemical safety assessment**

No additional information available

**SECTION 16: Other information**

Full text of R-, H- and EUH-phrases:

Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Gas 1	Flammable gases, Category 1
Press. Gas	Gases under pressure
H220	Extremely flammable gas
H318	Causes serious eye damage

SDS EU

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*