



SELFREEZ

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 15/06/2015

Revision date: 05/06/2015

Version: 10.0

SELFREEZ

K003

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

1.1. Product identifier

Product form : Mixture
Product name : SELFREEZ
Product code : K003
Type of product : Aerosol
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 : Professional use
Industrial/Professional use spec : For professional use only
Use of the substance/mixture : Removes Chewing Gum & Sticky Substances

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, BUXTON, DERBYSHIRE, SK17 9RZ, UNITED KINGDOM
Tel: 01298 26226 Fax: 01298 26540 Email: safety@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]

Aerosol 1 H222;H229

Full text of H-phrases: see section 16

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

Signal word (CLP) : Danger
Hazard statements (CLP) : H222 - Extremely flammable aerosol
H229 - Pressurised container: May burst if heated
Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P211 - Do not spray on an open flame or other ignition source
P251 - Do not pierce or burn, even after use
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

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| 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 | 30 - 60 | 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 | 5 - 15 | F+; R12 | Flam. Gas 1, H220 |

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

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**

| propane (74-98-6) | | |
|-------------------|---|------------------------|
| Denmark | Local name | Propan |
| Denmark | Grænseværdie (langvarig) (mg/m ³) | 1800 mg/m ³ |
| Denmark | Grænseværdie (langvarig) (ppm) | 1000 ppm |
| Ireland | Local name | Propane |

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| propane (74-98-6) | | |
|--------------------------|---|--|
| Ireland | OEL (8 hours ref) (ppm) | 1000 ppm |
| Ireland | Notes (IE) | Asphx |
| butane (106-97-8) | | |
| Denmark | Local name | n-Butan |
| Denmark | Grænseværdie (langvarig) (mg/m ³) | 1200 mg/m ³ |
| 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 ³) | 1450 mg/m ³ |
| United Kingdom | WEL TWA (ppm) | 600 ppm |
| United Kingdom | WEL STEL (mg/m ³) | 1810 mg/m ³ |
| 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

| | |
|-----------------------------------|--|
| Materials for protective clothing | : Not required for normal conditions of use |
| Hand protection | : In case of repeated or prolonged contact wear gloves |
| Eye protection | : Not required for normal conditions of use |
| Skin and body protection | : Not required for normal conditions of use |
| Respiratory protection | : Not required for normal conditions of use |

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

| | |
|--|---------------------|
| Physical state | : Liquid |
| Appearance | : Aerosol. |
| Colour | : Colourless. |
| Odour | : odourless. |
| 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 | : 0,71 |
| 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

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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 |
| 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 |
|-----------|---------|

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

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

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 |

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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 |

:

**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 |

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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
 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

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)

Denmark

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

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

| | |
|-------------|--|
| Aerosol 1 | Aerosol, Category 1 |
| Flam. Gas 1 | Flammable gases, Category 1 |
| Press. Gas | Gases under pressure |
| H220 | Extremely flammable gas |
| H222 | Extremely flammable aerosol |
| H229 | Pressurised container: May burst if heated |

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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