Safety Data Sheet

According to regulation (EG) 1907/2006

Silcura, Belcura, Pelcare

Überarbeitet am: 26.05.2020 Druckdatum: 21.07.2020

1. Identification of the substance/mixture and of the company

1.1 Product identifier:

Trade name: Silcura, Belcura, PelCare
dimension: 125 mL
article number: 751057

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

Relevant identified uses: skin cosmetics

1.3 Details of the supplier of the safety data sheet

Company: Skinamics
Mc Nair Promenade 124
14167 Berlin Germany
Tel.: +49 (0)3084723110
Email: patrick.franke@skinamics.de

1.4 Emergency telephone number:

Tel.: +49 (0)3084723110

2. Hazards identification

2.1 Cassification of the substance or mixture:

Classification accordingto Regulation (EG) Nr. 1272/2008

Aerosole, category 1 H222 Extremely flammable aerosol
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to regulation (EG) Nr. 1272/2008

Hazard pictogram: GHS 02
signal word: Danger
Hazard statements:

H222	Extremely flammable aerosol
H229	Pressurized container: May burst if heated.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements:

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	Don't pierce or burn, even after use.
P410+412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122 °F.
P102	Keep out of reach of children.
P273	Avoid release to the environment
P501	Dispose of contents/container inn accordance with local/regional/national/international regulations.

2.3 Other hazards

In case of leakages escaping gas collects on the ground and may constitutes explosive mixtures above the ignition temperature.

Strong cold caused by expanding liquid gas.

3. Composition/information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Description of the mixture: Mixture of the substances listed below with harmless additives.

Hazardous ingredients:

CAS: 106-97-8 EINECS: 203-448-7	Butane Flam. Gas 1, H220; Press. Gas, H280	concentration < 20 %
CAS: 78-78-4 EINECS: 201-142-8	iso-Pentane Flam. Liq.1, H224; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336Press. Gas, H280	concentration 3 - <10%

H220: Extremely flammable gas.
H224: Extremely flammable liquid and vapour.
H280: Contains gas under pressure; may explode when heated.
H304: May be fatal if swallowed and enters airways.
H336: May cause drowsiness or dizziness.
H411: Toxic to aquatic life with long lasting effects.

4. First aid measures

4.1 Description of first aid measures

Following inhalation	supply fresh air, consult doctor in case of symptoms
Following eye contact:	Rinse opened eye for several minutes under running water, consult doctor in case of continued complaints.
Following ingestion:	Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5.Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: CO_2, foam, fire extinguishing powder, water haze

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Remove non damaged aerosols from the danger zone, in case of fire. Keep aerosols cool with water haze.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove ignition sources. Ensure adequate ventilation.

6.2 Enviromental precautions

Prevent material from reaching sewage system, holes and cellars.
(risk of explosion)

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

6.4 Reference to other sections

See section 7 for information on safe handling.
See section 8 for information on personal protective equipment.
See section 13 for information on disposal.

7. Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling: Observe safety text for aerosols (section 15) and the instructions for use.

Precautions against fire and explosion: Warning. Pressurized container. Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122 °F. Don't pierce or burn, even after use.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Storage only in well ventilated rooms; Observe national regulations for aerosols (TRGS 510).

8 Exposure controls / personal protection

8.1 Control parameters

Components with limit values that require monitoring at the workplace:

106-97-8 Butan (< 20 %)
AGW long-term value: 2400 mg/m3, 1000 mL/m3 4(II); DFG

78-78-4 iso-Pentan (3-<10%) IOELV Long-term-value: 3000 mg/m^3, 1000 ppm

Additional informations: The lists that were valid during the compilation were used as basis.

8.2 Limitation and monitoring of Exposure

Personal protective equipment	on proper use: none
General protective and hygienic measures:	none

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

Physical state:	Aerosol
Colour:	white

Odour:	characteristic
Safety relevant basic data:	
pH value:	5 – 5,5
change in condition:	not applicable
flash point:	ca. -60 °C for propellant
Flammability:	extremely flammable
Ignition temperature:	ca. 400 °C for propellant
Risk of explosion:	vapour (dust) / air mixtures are capable of exploding under following conditions
Explosion limits:	
lower:	ca. 1,5 Vol% for propellant
upper:	ca. 8,5 Vol% for propellant
Vapour pressure 20 °C:	2,2 – 3,2 bar
Vapour pressure 50 °C:	< 12 bar
Density 20 °C:	ca. 0,86 g/cm³
Solubility in water:	not miscible or difficult to mix
Solvent content VOC:	22,01 %

9.2 Other informations

No further relevant information available.

10. Stability and Reactivity

10.1 Reactivity: No further relevant information available.

10.2 Chemical Stability: No further relevant information available.

10.3 Possibility of hazardous reactions: May burst if heated above 50 °C.

10.4 Conditions to avoid: No decomposition if used according to specifications

10.5 Incompatible Materials: No further relevant information available.

10.6 Hazardous decomposition products: incomplete consumption forms carbon monoxide

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity: No further relevant information available.

Primary irritant effect: not irritant

on the skin: not irritant

on the eye: not irritant

Sensitisation: No sensitizing effect known.

Additional toxicological precautions:
Under normal conditions of use the product is not hazardous.

12. Ecological information

12.1 Toxicity: No further relevant information available.

12.2 Persistence and Degradability: readily biodegradable.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

12.5 Results PBT- and vPvB-Assessment: not applicable.

Additional ecotoxicological information:
Water hazard class 1 (Self-assessment)

13. Disposal considerations

13.1 Waste treatment methods

AVV-Nr.:

Complete emptied aerosols:	150110 ordinary waste (observe official regulations)
Non emptied aerosols:	160504 Hazardous waste (observe official regulations)

14 Transport information

Land transport ADR/RID/GGVS/GGVSE:

ADR/RID-GGVSE/E Class:	2/5 F
UN Number:	1950
Limit Quantity	1 Liter
Transport category:	2
Tunnel restriction code:	D
Description of the goods:	1950 Aerosols, flammable

Sea transport IMDG/GGV-See:

IMDG/GGVSee Class:	2
UN-Number	1950
Label:	2.1
EMS Number:	F-D, S-U
Proper technical name:	AEROSOLS, flammable

Air transport ICAO-TI/IATA-DGR:

ICAO/IATA-Klasse:	2
UN/ID Number:	1950
Label:	2.1
Packaging Notes (LQ):	Y203
Max. net quantity / package (LQ):	30kg G
Proper technical name:	AEROSOLS, flammable

15 Regulatory informations

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

National Regulations: Aerosols:

15.2 Labelling (Regulation EG NR. 1272/2008) CLP: s. Section 2

Additional Informattions	Test pressure of aerosol cans: 18 bar
Water hazard class :	Water hazard class 1 (Self-assessment)
Information about limitation of use	not applicable

Relevant legislation (Störfallverordnung)	not applicable
Industrial safety regulation	not applicable
TA-Air	not applicable

Other regulations, limitations and prohibitive regulations: / .

16 Sonstige Angaben

Abbrevations and Acronyms:

RID:	Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IATA-DGR:	Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
ADR:	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)

Other Informations

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The product is not regulated by regulation(EG) 1907/2006 Artikel 31, regarding the properties and the intended use.
The provision of the safety data sheet is done on a voluntary basis. The transmission or an update of this safety data sheet is only done on explicit request.