



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

Identification of the substance or mixture

Soft-Zellin

Art.-No.:

999 979/1

Use of the substance/mixture

Swabs for skin cleansing

Company/undertaking identification

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Contact person Customer Care Center

Responsible Department

Responsible for the safety data sheet: sds@gbk-ingelheim.de

Further Information

According to the European chemicals and medical devices legislation, medical devices, which are invasive or used in direct physical contact with the human body, are exempted from the obligation to provide EC Material Safety Data Sheets. This material safety data sheet is to be considered a voluntary help for professional users.

2. Hazards identification

Explication of special hazards for human health and environment

Highly flammable.

Irritating to eyes.

Vapours may cause drowsiness and dizziness.

If swallowed in higher quantities risk of intestinal passage obstruction.

3. Composition/information on ingredients

Chemical characterization (Mixture)

Swabs impregnated with isopropyl alcohol 70% (0,4 g isopropyl alcohol per swab)

Hazardous components

EC No.	CAS No.	Chemical name	Quantity	Classification
200-661-7	67-63-0	Propan-2-ol	0,4 g %	F, Xi R11-36-67

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures

General information

No specific precautions required.

After inhalation

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

In the event of symptoms refer for medical treatment.

After contact with skin

No specific precautions required.



After contact with eyes

Rinse immediately with plenty of water, also under the eyelids.

If eye irritation persists, consult a specialist.

After ingestion

Consult a physician.

5. Fire-fighting measures

Suitable extinguishing media

Alcohol-resistant foam, dry chemical, carbon dioxide (CO₂), water-spray.

Extinguishing media which must not be used for safety reasons

Full water jet.

Special exposure hazards arising from substance or mixture itself, combustion products, resulting gases

Fire may produce:

Carbon monoxide and carbon dioxide.

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Protective suit.

Additional information

Vapours are heavier than air and spread along ground.

The vapour/air mixture is explosive, even in empty, uncleaned receptacles.

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

Personal precautions

In case of vapour formation use respirator.

Ensure adequate ventilation.

Use personal protective clothing.

Keep away sources of ignition.

Avoid contact with skin, eyes and clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up/taking up

Take up mechanically and collect in suitable container for disposal.

7. Handling and storage

Handling

Advice on safe handling

When using, do not eat, drink or smoke.

Avoid contact with eyes.

Advice on protection against fire and explosion

Keep away from heat and sources of ignition.

Don't smoke.

Storage

**Requirements for storage rooms and vessels**

Protect against direct sun radiation.

Keep containers tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Incompatible with:

Oxidizing agents.

Alkaline metals and earth alkaline metals.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

8. Exposure controls/personal protection**Exposure limit values****Exposure limits (EH40)**

CAS No.	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
	Propan-2-ol	500	1250		STEL (15 min)	WEL

Exposure controls**Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

When using, do not eat, drink or smoke.

Wash hands before breaks and at the end of workday.

Avoid contact with eyes.

Respiratory protection

Not required under normal use.

Hand protection

Not required under normal use.

Eye protection

Not required under normal use.

Skin protection

Not required under normal use.

9. Physical and chemical properties**General information**

Physical state	Solid
Colour	White
Odour	Alcoholic

Important health, safety and environmental information

Test method

Changes in the physical state

Flash point	12 °C	*)
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Flammability

Lower explosion limits	2,0 vol. %	*)
Upper explosion limits	13,4 vol. %	*)



Ignition temperature	425 °C	*)
Vapour pressure :	43 hPa	*)
at (20 °C)		
Density (at 20 °C) :	0,78 g/cm³	*)
Water solubility :	Miscible	*)
at (20 °C)		
*) Propan-2-ol		

10. Stability and reactivity

Conditions to avoid

Heating can release vapours which can be ignited.

Materials to avoid

Oxidizing agents.

Alkaline metals and earth alkaline metals.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Further information

No decomposition if stored and applied as directed.

11. Toxicological information

Empirical data on effects on humans

Irritating to eyes.

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

Sometimes short-term reddening of skin may occur.

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

If swallowed in higher quantities risk of intestinal passage obstruction.

12. Ecological information

Further information

Ecological injuries are not known or expected under normal use.

Low hazard to waters.

Product is not allowed to be discharged into aquatic environment.

13. Disposal considerations

Advice on disposal

Can be incinerated, when in compliance with local regulations.

Proposed waste disposal number product

180104 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care); wastes from natal care, diagnosis, treatment or prevention of disease in humans; wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)

Alternative waste disposal number



Safety Data Sheet according to Regulation (EC) No. 1907/2006

PAUL HARTMANN AG

Revision date: 15.11.2010

Revision no.: 1,00

Soft-Zellin

00804-0013

180103* WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH
(except kitchen and restaurant wastes not arising from immediate health care); wastes from
natal care, diagnosis, treatment or prevention of disease in humans; wastes whose collection
and disposal is subject to special requirements in order to prevent infection
Classified as hazardous waste.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be
taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

14. Transport information

Land transport (ADR/RID)

ADR/RID class	4.1
Classification code :	F1
Hazard-no.	40
UN number	3175
Hazard label	4.1
ADR/RID packing group	II
Limited quantity :	LQ 8

Description of the goods

SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Propan-2-ol)

Other applicable information (land transport)

Tunnel restriction code: E

Transport category: 2

Special provision 216: Product is not subject to ADR/RID.

Inland waterways transport

Marine transport

IMDG code	4.1
UN number	3175
Marine pollutant	No
EmS	F-A; S-I
Limited quantity :	1 kg / 30 kg
IMDG packing group	II
Hazard label	4.1

Description of the goods

SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (propan-2-ol)

Other applicable information (marine transport)

Special provision 216: Product is not subject to IMDG Code.

Air transport

ICAO/IATA-DGR	4.1
UN/ID number	3175
Hazard label	4.1
IATA-packing instructions - Passenger	415
IATA-max. quantity - Passenger	15 kg
IATA-packing instructions - Cargo	417
IATA-max. quantity - Cargo	50 kg

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00804-0013

ICAO packing group

II

Limited quantity Passenger

Y415 / 5 kg

Description of the goods

SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (propan-2-ol)

15. Regulatory information**Labelling**

This product is a medical product according to the medical device directive 93/42/EEC and is exempt from the labeling requirements according to Art. 1, paragraph 5, point g of the Dangerous Preparations Directive 1999/45/EC, as the product (preparation) is being applied to the body.

National regulatory information

Water contaminating class (D)

1 - slightly water contaminating

1999/13/EC (VOC)

0,4 g

16. Other information**Full text of R-phrases referred to under sections 2 and 3**

- 11 Highly flammable.
36 Irritating to eyes.
67 Vapours may cause drowsiness and dizziness.

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

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