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

Soft-Zellin

Art.-No.

411 002/0

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

Swabs for skin cleansing

1.3.Details of the supplier of the safety data sheet

Company name:	Kingstar Medical (Xianning) Co., Ltd.
Street:	No. 79 Yong'andong Road
Place:	Xian'an District 437100 Xianning City, Hubei Province PEOPLE'S REPUBLIC OF CHINA
Telephone:	+86-715-8911 850
Telefax:	+86-27-8577 7688
Email:	info@kingstarmedical.cn
Contact person:	Lynn Yao

Further Information

This material safety data sheet is to be considered a voluntary help for professional users.

SECTION 2: Hazards identification**2.1.Classification of the substance or mixture according to 1272/2008/EC**

Hazard categories:

Flammable liquid: Flam. liquid

Serious eye damage/eye irritation: Eye irritation

Hazard Statements:

Highly flammable liquid and vapour.

Causes serious eye irritation.

May cause drowsiness or dizziness.

2.2.Label elements**Hazard components for labelling**

Pictograms:

**Hazard statements**

Highly flammable liquid and vapour.

Causes serious eye irritation.

May cause drowsiness or dizziness.

Precautionary statements

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients**3.1. Mixtures****Chemical characterization**

Swabs impregnated with isopropyl alcohol 70%

Hazardous components

CAS No.	Chemical name	Molecular formula	Relative molecular weight	Quantity
67-63-0	Propan-2-ol	C ₃ H ₈ O	60.10	70%

SECTION 4: First aid measures**4.1. Description of 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, for at least 15 minutes.
If eye irritation persists, consult a specialist.

After ingestion

Ingestion is not considered a potential route of exposure.
Consult a physician.

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

Causes serious eye irritation.

May cause drowsiness or dizziness.

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

Treat symptoms.

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

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

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Fire may produce:

carbon monoxide and carbon dioxide

5.3. Advice for firefighters

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/ground water.

6.3. Methods and material for containment and cleaning up

Take up mechanically and collect in suitable container for disposal.

6.4. Reference to other sections

Information for disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe 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.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Protect against direct sun radiation.

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

Hints on joint storage

Incompatible with: Oxidizing agents

Alkaline metals and earth alkaline metals.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Swabs for skin cleansing

SECTION 8: Exposure controls/personal protection

8.1. Exposure controls

Appropriate engineering 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.

Eye/face protection

Not required under normal use.

Hand protection

Not required under normal use.

Skin protection

Not required under normal use.

Respiratory protection

Not required under normal use.

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

Physical state:	Liquid on inert carrier
Color:	White
Odor:	Alcoholic

Changes in the physical state

Melting point:	- 88 °C
Initial boiling point and boiling range:	82 °C
Relative density (water = 1):	0.785~0.788
Relative density (air=1)	2.07
Critical temperature:	275.2
Critical pressure:	4.76MPa
Solubility	This product could be freely miscible with water, methanol, ethanol or ether.

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

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reactions with oxidizing agents.
Reactions with alkali metals.
Reactions with earth alkali metals.

10.4. Conditions to avoid

Heating can release vapors which can be ignited.

10.5. Incompatible materials

Oxidizing agents
Alkaline metals and earth alkaline metals

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitizing effects

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

STOT-single exposure

May cause drowsiness or dizziness. (Propan-2-ol)

Severe effects after repeated or prolonged exposure

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.

Aspiration hazard

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

Practical experience

Other observations

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.

SECTION 12: Ecological information

12.1. Toxicity

Ecological data are not available.

12.2. Persistence and degradability

Propan-2-ol

Readily biodegradable (to OECD criteria).

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Other adverse effects

Low hazard to waters.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Can be incinerated, when in compliance with local regulations.

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.

SECTION 14: Other information

Sea transport: No special limits

Road and rail transport: No special limits

Air transport: No special limits

SECTION 15: Regulatory information

Hazard symbol(s): None

Risk phrase (s): None

Safety phrase (s): None

SECTION 16: Other information

Product applications: No special matter
