



Safety Data Sheet

according to 29 CFR 1910.1200(g)

Picosilk 1550 0000 und 1550 0100

Revision date: 01/22/2024

Product code: 15500x00_USA

Page 1 of 7

1. Identification

Product identifier

Picosilk 1550 0000 und 1550 0100

Further trade names

1550 0000 Picosilk 75 ml

1550 0100 Picosilk 500 ml

Recommended use of the chemical and restrictions on use

Use of the substance/mixture

Release agent to release the surface of casting waxes.

Uses advised against

No information available.

Details of the supplier of the safety data sheet

Manufacturer

Company name: Renfert GmbH
Street: Untere Giesswiesen 2
Place: D-78247 Hilzingen
Telephone: +49 7731 8208-0
e-mail: info@renfert.com
Contact person: Frau Andris
e-mail: silke.andris@renfert.com
Internet: www.renfert.com

Supplier

Company name: Renfert USA
Street: 3718 Illinois Avenue
Place: USA-60174 St. Charles IL
Telephone: (001) 800336-7422
e-mail: Bob@RenfertUSA.com
Contact person: Charlie Hagy Telephone: +1 (630) 5497380
e-mail: Charlie@RenfertUSA.com
Internet: www.renfert.com

Emergency phone number:

USA: 800-222-1222 (National Poison Control number) | CA: British Columbia:
800-567-8911 or 604-682-5050 Alberta: 1-800-332-1414 or 944-1414 Saskatchewan:
1-866-454-1212 Manitoba: 1-855-776-4766 Ontario: 1-800-268-9017 Quebec:
1-800-463-5060 New Brunswick: 911 New Foundland: 1-866-727-1110 Northwest
Territories: 1-800-332-1414 Nova Scotia: 1-800-565-8161

2. Hazard(s) identification

Classification of the chemical

29 CFR Part 1910.1200

Flammable liquids: Flam. Liq. 2

Serious eye damage/eye irritation: Eye Irrit. 2A

Specific target organ toxicity single exposure: STOT SE 3 (narcotic effects)

Label elements

29 CFR Part 1910.1200

Signal word: Danger

Pictograms:



Hazard statements

Highly flammable liquid and vapor

Causes serious eye irritation

May cause drowsiness or dizziness

Precautionary statements

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Wear protective gloves/protective clothing/eye protection/face protection.

If eye irritation persists: Get medical advice/attention.

Store in a well-ventilated place. Keep container tightly closed.



Safety Data Sheet

according to 29 CFR 1910.1200(g)

Picosilk 1550 0000 und 1550 0100

Revision date: 01/22/2024

Product code: 15500x00_USA

Page 2 of 7

Hazards not otherwise classified

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.
This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

3. Composition/information on ingredients**Mixtures****Chemical characterization**

Wetting agent (tensides)

Hazardous components

CAS No	Components	Quantity
67-63-0	propan-2-ol	70 - 90 %
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts	< 10 %

4. First-aid measures**Description of first aid measures****General information**

Immediately remove any contaminated clothing, shoes or stockings.

After inhalation

Provide fresh air.

After contact with skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/or shower.

After contact with eyes

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.

After ingestion

Rinse mouth immediately and drink 1 glass of of water. Do NOT induce vomiting. Call a physician immediately.

Most important symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures**Extinguishing media****Suitable extinguishing media**Extinguishing powder, Carbon dioxide (CO₂), alcohol resistant foam, Water spray jet**Unsuitable extinguishing media**

Full water jet

Specific hazards arising from the chemical

Vapors may form explosive mixtures with air.

Vapors are heavier than air, spread along floors and form explosive mixtures with air.

Special protective equipment and precautions for fire-fighters

Do not inhale explosion and combustion gases.

In case of fire: Wear self-contained breathing apparatus.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures****General advice**

Provide adequate ventilation.

Use personal protection equipment.

Remove all sources of ignition.

Environmental precautions

Do not allow to enter into surface water or drains.

Methods and material for containment and cleaning up**Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Collect in closed and suitable containers for disposal.

Reference to other sections

Safe handling: see section 7

Safety Data Sheet

according to 29 CFR 1910.1200(g)

Picosilk 1550 0000 und 1550 0100

Revision date: 01/22/2024

Product code: 15500x00_USA

Page 3 of 7

Personal protection equipment (PPE): see section 8
Disposal: see section 13

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas.
Avoid contact with skin, eyes and clothes.
Do not eat, drink or smoke when using this product.

Advice on protection against fire and explosion

Vapors may form explosive mixtures with air. Keep away from sources of ignition - No smoking.
Take precautionary measures against static discharges.

Advice on general occupational hygiene

Avoid breathing vapours. Avoid contact with skin, eyes and clothes. Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs.

Further information on handling

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

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

Hints on joint storage

Do not store together with: Oxidizing agent

Further information on storage conditions

Protect against: Heat
Recommended storage temperature: 15 - 35°C

8. Exposure controls/personal protection

Control parameters

Exposure limits

CAS No	Substance	ppm	mg/m ³	f/cc	Category	Origin
67-63-0	Isopropyl alcohol	400	980		TWA (8 h)	PEL
		400	980		TWA (8 h)	REL
		500	1225		STEL (15 min)	REL

Exposure controls



Appropriate engineering controls

Safe handling: see section 7

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

Suitable material: Butyl caoutchouc (butyl rubber)

Thickness of the glove material: 0,5 mm

Breakthrough time: >= 8 h

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Respiratory protection

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Usually no personal respirative protection necessary.

Respiratory protection necessary at: insufficient ventilation

Environmental exposure controls

Do not allow to enter into surface water or drains.



Safety Data Sheet

according to 29 CFR 1910.1200(g)

Picosilk 1550 0000 und 1550 0100

Revision date: 01/22/2024

Product code: 15500x00_USA

Page 4 of 7

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state: Liquid
Color: colorless
Odor: characteristic

Test method

Melting point/freezing point: not determined
Boiling point or initial boiling point and boiling range: 82 °C
Lower explosion limits: 2,0 * vol. %
Upper explosion limits: 12,0 * vol. %
Flash point: 15 °C DIN 51755
Auto-ignition temperature: 425 * °C
Decomposition temperature: not determined
pH-Value (at 20 °C): 7
Viscosity / kinematic: not determined
Water solubility: miscible
Partition coefficient n-octanol/water: not determined
Vapor pressure: 48 * hPa
(at 20 °C)
Density (at 20 °C): 0,825 - 0,835 g/cm³

Other information

Information with regard to physical hazard classes

Explosive properties

not hazard of explosion according to EU A.14
Vapors may form explosive mixtures with air.

Further Information

* Data apply to the main component.

10. Stability and reactivity

Reactivity

No hazardous reaction when handled and stored according to provisions.

Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

Possibility of hazardous reactions

Exothermic reaction with: Strong acid
Incompatible materials: Oxidizing agent
In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

Conditions to avoid

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

Incompatible materials

No information available.

Hazardous decomposition products

No known hazardous decomposition products.

11. Toxicological information

Information on toxicological effects

Acute toxicity

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

CAS No	Components				
	Exposure route	Dose	Species	Source	Method
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts				
	oral	LD50 mg/kg	500 - 2000	Rat	OECD 401

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.



Safety Data Sheet

according to 29 CFR 1910.1200(g)

Picosilk 1550 0000 und 1550 0100

Revision date: 01/22/2024

Product code: 15500x00_USA

Page 5 of 7

Carcinogenic/mutagenic/toxic effects for reproduction

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

Specific target organ toxicity (STOT) - single exposure

May cause drowsiness or dizziness (propan-2-ol)

Specific target organ toxicity (STOT) - repeated exposure

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

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): Isopropyl alcohol (CAS 67-63-0) is listed in group 3. Isopropyl alcohol (CAS 67-63-0) is listed in group 3.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

Aspiration hazard

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

Information on other hazards

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

Further information

The product has not been tested. The statement is derived from the properties of the single components.

12. Ecological information

Persistence and degradability

There are no data available on the mixture itself.

Bioaccumulative potential

There are no data available on the mixture itself.

Mobility in soil

No information available.

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

Other adverse effects

No information available.

Further information

The product has not been tested. The statement is derived from the properties of the single components.

Do not allow uncontrolled discharge of product into the environment.

13. Disposal considerations

Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

14. Transport information

U.S. DOT 49 CFR 172.101

<u>UN number or ID number:</u>	UN 1987
<u>Proper shipping name:</u>	ALCOHOLS, N.O.S.
<u>Transport hazard class(es):</u>	3
<u>Packing group:</u>	II
Hazard label:	3



**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

Picosilk 1550 0000 und 1550 0100

Revision date: 01/22/2024

Product code: 15500x00_USA

Page 6 of 7

Marine transport (IMDG)

UN number or ID number: UN 1987
UN proper shipping name: ALCOHOLS, N.O.S. (2-Propanol mixture)
Transport hazard class(es): 3
Packing group: II
Hazard label: 3

**Air transport (ICAO-TI/IATA-DGR)**

UN number or ID number: UN 1987
UN proper shipping name: ALCOHOLS, N.O.S. (2-Propanol mixture)
Transport hazard class(es): 3
Packing group: II
Hazard label: 3

**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

Special precautions for user

Further information: see section 6, 7, 8

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

not applicable

15. Regulatory information**U.S. Regulations****National regulatory information**

SARA Section 311/312 Hazards:

Isopropyl alcohol (mfg-strong acid process) (67-63-0): Fire hazard, Immediate (acute) health hazard

Sulfonic acids, C14-17-sec-alkane, sodium salts (97489-15-1): Immediate (acute) health hazard

SARA Section 313 Toxic release inventory:

Isopropyl alcohol (mfg-strong acid process) (67-63-0): De minimis limit = 1.0 %, Reportable threshold = Standard

State Regulations**Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable

REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on persistent organic pollutants: not applicable

Regulation (EU) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals: not applicable

16. Other information**Hazardous Materials Information Label (HMIS)**

Health: 2
Flammability: 3
Physical Hazard: 1
Personal Protection: B

Changes

Revision date: 01/22/2024

Revision No: 2,0

Abs. 18 * Data changed compared with the previous version.

Abbreviations and acronyms

PBT: persistent and bioaccumulative and toxic

vPvB: very persistent, very bioaccumulative



Safety Data Sheet

according to 29 CFR 1910.1200(g)

Picosilk 1550 0000 und 1550 0100

Revision date: 01/22/2024

Product code: 15500x00_USA

Page 7 of 7

CAS: Chemical Abstracts Service (division of the American Chemical Society)

ATE: Acute Toxicity Estimate

LD50: lethal dose, 50%

LC50: lethal concentration, 50%

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement concernant le transport international ferroviaire de marchandises Dangereuses (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

VOC: volatile organic compound(s)

Other data

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. Restricted to professional users.

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