

SAFETY DATA SHEET according to OSHA Hazard Communication Standard (29 CFR 1910.1200)	
Hibiclens	Version number: 1b Issued: 2019-17-06

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

Product identifier

Trade name	Hibiclens
------------	-----------

Recommended use of the chemical	Skin-care
---------------------------------	-----------

Supplier	Molnlycke Health Care LTD Unity House, Medlock Street Oldham , OL1 3HS United Kingdom e-mail: antiseptics.UK@molnlycke.com Telephone: +44 161 3900
----------	---


Emergency phone number	1-800-222-1222 (If swallowed or if over-exposure is suspected)
------------------------	--

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification	Flammable liquid, hazard category 3 Serious eye damage, hazard category 1
----------------	--

Label elements

Pictograms	
Signal word	Danger
Hazard statement	H226 Flammable liquid and vapour. H318 Causes serious eye damage.
Precaution statements	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P280 Wear eye protection/face protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P403 + P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/ container in accordance with local regulation

SAFETY DATA SHEET according to OSHA Hazard Communication Standard (29 CFR 1910.1200)	
Hibiclens	Version number: 1b Issued: 2019-17-06

Other hazards

There are no additional hazards.

SECTION 3: Composition/information on ingredients

Chemical name	CAS No.	Concentration	Classification	H-phrase
Polyoxyethylene-polyoxypropylene block copolymer (Poloxamer 237)	9003-11-06	10-20%	-	-
Propan-2-ol (Isopropyl alcohol)	67-63-0	<5%	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3	H225, H319, H336
Lauramine Oxide	1643-20-5	<5%	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1,	H302, H315, H318
Chlorhexidine digluconate	18472-51-0	<5%	Eye Dam. 1	H318

Substance additional information	No additional information.
----------------------------------	----------------------------

SECTION 4: First aid measures

Inhalation	Move the injured person into fresh air immediately. Get medical attention/advice if you feel unwell. If not breathing, give artificial respiration. In the event of unconsciousness: lay the injured person in the recovery position. Consult a physician.
Skin contact	Wash off with plenty of water. Wash before product dries up. No known significant effects or critical hazards
Eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention immediately. Continue rinsing. Causes serious eye damage.
Ingestion	Do not induce vomiting. Seek medical attention immediately. Never give anything by mouth-to-mouth breathing assistance to an unconscious person. May cause a feeling of sickness, vomiting and diarrhoea.

SAFETY DATA SHEET according to OSHA Hazard Communication Standard (29 CFR 1910.1200)	
Hibiclens	Version number: 1b Issued: 2019-17-06

SECTION 5: Firefighting measures

Suitable extinguishing media	Water spray, powder, alcoholic foam or carbon dioxide can be used for fire extinction. Do not use a heavy water stream.
------------------------------	--

Special hazards arising from the substance or mixture	Toxic gases are formed in the event of fire. . The vapors are heavier than air.
---	---

Special protective equipment for fire-fighters	Self-contained breathing apparatus (SCBA), full protective flameproof clothing.
--	---

Measures in case of fire	In the case of fire wear self-contained breathing apparatus, full protective flameproof clothing. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
--------------------------	--

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures	Avoid inhalation and contact with the eyes. Collect spillage immediately as there is a risk of slipping. Keep away from sources of ignition - No smoking. Wear personal protective equipment
---	--

Environmental precautions	Prevent discharges to watercourses, waste water or the ground. Local authorities should be advised if significant spillages cannot be contained. Notify authorities if product enters sewers or public waters.
---------------------------	--

Methods and material for containment and cleaning up	Collect up spilt material and transfer to a suitable container for re-use or subsequent disposal. Absorb in inert material (vermiculite, dry sand or soil) and collect. Dispose of wastes in an approved waste disposal facility. Rinse clean with plenty of water.
--	---

For information about personal protection see section 8.
For information about disposal see section 13.

SAFETY DATA SHEET according to OSHA Hazard Communication Standard (29 CFR 1910.1200)	
Hibiclens	Version number: 1b Issued: 2019-17-06

Handling

SECTION 7: Handling and storage

Preventive handling precautions	Ensure good ventilation/extraction at the workplace. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. All equipment shall be grounded. Use only explosion-proof equipment. Take precautions against static electricity. Open and handle the container carefully.
General hygiene	Observe good industrial hygiene if used at an industrial site. Wash hands immediately after handling the product. Always wash hands before eating, smoking or using toilet facilities.

Storage

Conditions for safe storage, including any incompatibilities	Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep in a dry, cool and well-ventilated place. (< 95 °F) Keep away from direct sunlight.
--	--

SECTION 8: Exposure controls/personal protection

Control parameters

National exposure limit values	Ingredient	CAS No.	Exposure Limit (TWA) mg/m3-ppm		Short-term exposure limit (ST) mg/m3-ppm		Ceiling exposure limit (C) mg/m3-ppm		Remark	Source
	Isopropyl alcohol	67-63-0	980	400	-	-	-	-	PEL	OSHA
	Isopropyl alcohol	67-63-0	-	400	-	500	-	-	REL	NIOSH
	Isopropyl alcohol	67-63-0	-	200	-	400	-	-	TLV	ACGIH

Technical precaution measures	Ensure good ventilation. Take precautions against static electricity. Keep the product away from ignition sources. Smoking is prohibited.
Eye / face protection	Wear protective goggles when there is a risk of eye contact.
Safety gloves	Not required.
Respiratory protection	Not required.
Environmental exposure controls	Do not discharge into drains, water courses or onto the ground

SAFETY DATA SHEET according to OSHA Hazard Communication Standard (29 CFR 1910.1200)	
Hibiclens	Version number: 1b Issued: 2019-17-06

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance (physical state, color, etc.)	Physical state: Liquid Color: Red
Odor	Perfume-like
Vapor pressure	No relevant data available
Odor threshold	No relevant data available
Vapor density	No relevant data available
pH;	5.0-6.5 [method: DPT 73.4011]
Relative density;	1.02-1.10 [method: DPT 73.4008]
Melting point/freezing point	No relevant data available
Solubility(ies)	The product is soluble in water.
Initial boiling point and boiling range	No relevant data available
Flash point	111.2°F (44 ° C) [method: ASTM D93]
Evaporation rate	No relevant data available
Flammability (solid, gas)	No relevant data available
Partition coefficient: n-octanol/water	No relevant data available
Auto-ignition temperature	No relevant data available
Decomposition temperature	No relevant data available
Viscosity	No relevant data available
Upper/lower flammability or explosive limits	Not applicable

SECTION 10: Stability and reactivity

Reactivity	Product does not react under normal usage and storage conditions
Chemical stability	Stable under normal usage and storage conditions.
Possibility of hazardous reactions	None known.
Conditions to avoid	Avoid temperatures above 95°F (35°C). Protect from sunlight. Avoid moisture.
Incompatible materials	Strong acids and bases.

SAFETY DATA SHEET according to OSHA Hazard Communication Standard (29 CFR 1910.1200)	
Hibiclens	Version number: 1b Issued: 2019-17-06

Hazardous decomposition products	Carbon monoxide (CO) Nitrogen oxides (NOx) Hydrogen chloride (HCl)
----------------------------------	--

SECTION 11: Toxicological information

Information on toxicological effects

Information on toxicological effects	Product may cause skin sensitization. Fumes can cause headaches, tiredness, dizziness, and nausea.
Acute toxicity	<p>Polyoxyethylene-polyoxypropylene block copolymer (CAS 9003-11-6) LD50 Oral - Rat - 9.380 mg/kg LD50 Oral - Mouse - 15.000 mg/kg LD50 Dermal - Rabbit - 20.000 mg/kg</p> <p>Propan-2-ol (CAS 67-63-0) LD50 Oral - Rat - 5,045 mg/kg LC50 Inhalation - Rat - 8 h - 16000 ppm LD50 Dermal - Rabbit - 12,800 mg/kg</p> <p>Lauramine Oxide (CAS 1643-20-5) LD50 Oral - Rat - 1.064 mg/kg (OECD Test Guideline 401)</p>
Skin corrosion/irritation	The product is not classified as corrosive/irritant to skin.
Serious eye damage/irritation	Causes serious eye damage.
Respiratory/skin sensitization	None of the substances listed in section 3 is classified as a sensitizing.
Germ cell mutagenicity	None of the substances listed in section 3 is classified as a mutagenic
Genotoxicity	Not applicable
Carcinogenicity	None of the substances listed in section 3 is classified as a mutagenic
Reproductive toxicity	None of the substances listed in section 3 is classified as a carcinogenic
STOT-single exposure	The product is not classified as damaging to organs through single exposure.
STOT-repeated exposure	The product is not classified as damaging to organs through prolonged or repeated exposure.
Aspiration hazard	None of the substances listed in section 3 is classified as toxic through aspiration

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Polyoxyethylene-polyoxypropylene block copolymer	No	No	No
Isopropyl alcohol	No	Group 3*	No
Lauramine Oxide	No	No	No
Chlorhexidine digluconate	No	No	No

SAFETY DATA SHEET according to OSHA Hazard Communication Standard (29 CFR 1910.1200)	
Hibiclens	Version number: 1b Issued: 2019-17-06

* Group 3: Not classifiable as to its carcinogenicity to humans

SECTION 12: Ecological information

Toxicity	<p>Acute fish toxicity Polyoxyethylene-polyoxypropylene block copolymer (CAS 9003-11-6) LC50 - other fish - > 10.000 mg/l - 96 h (OECD Test Guideline 203)</p> <p>Propan-2-ol (CAS 67-63-0) LC50 - Pimephales promelas (fathead minnow) - 9,640.00 mg/l - 96 h</p> <p>Lauramine Oxide (CAS 1643-20-5) LC50 - Danio rerio (zebra fish) - 31,8 mg/l - 96h (OECD Test Guideline 203)</p> <p>Acute algae toxicity Propan-2-ol (CAS 67-63-0) EC50 - Desmodesmus subspicatus (green algae) - > 2,000.00 mg/l - 72 h</p> <p>Lauramine Oxide (CAS 1643-20-5) ErC50 - Pseudokirchneriella subcapitata (green algae) - 0,2 mg/l - 72 h (OECD Test Guideline 201) NOEC - Pseudokirchneriella subcapitata (green algae) - 0,015 mg/l</p> <p>Acute crustacean toxicity Propan-2-ol (CAS 67-63-0) EC50 - Daphnia magna (Water flea) - 5,102.00 mg/l - 24 h Immobilization EC50 - Daphnia magna (Water flea) - 6,851 mg/l - 24 h</p> <p>Lauramine Oxide (CAS 1643-20-5) EC50 - Daphnia magna (Water flea) - 3,9 mg/l - 48h (OECD Test Guideline 202)</p>
----------	--

Bioaccumulative potential	No data available for the product itself. Propan-2-ol (CAS 67-63-0) log Pow <= 4 (No bioaccumulation is to be expected)
---------------------------	---

Mobility in soil	No data available.
------------------	--------------------

SAFETY DATA SHEET according to OSHA Hazard Communication Standard (29 CFR 1910.1200)	
Hibiclens	Version number: 1b
	Issued: 2019-17-06

SECTION 13: Disposal considerations

Disposal considerations	Dispose of any product, residue or packing material according to national and local regulations. Do not empty into drains. Residue and used product that cannot be reused must be handled as hazardous waste.
-------------------------	---

SECTION 14: Transport information

UN number	1993
UN proper shipping name	FLAMMABLE LIQUID, N.O.S. (PROPAN-2-OL)
Transport hazard class	3
Packing group number	III
Environmental hazards	Yes
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable

SECTION 15: Regulatory information

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

US regulations	<p>OSHA Hazard Communication Standard (29 CFR 1910.1200) U.S. Department of Transportation (D.O.T.) - DOT Rule 49 CFR</p> <p>EPA TSCA 8 (b) Inventory: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.</p> <p>EPA TSCA 12 (b) Export Notification Requirements: None above reporting de minimis.</p> <p>EPCRA/SARA Section 302 EHS: None.</p> <p>EPCRA/SARA Section 311/312: Propan-2-ol (67-63-0), Chlorhexidine digluconate (18472-51-0) and Lauramine Oxide (1643-20-5) are hazardous, and supplier requires to have SDS for the product.</p> <p>EPCRA/SARA Section 313: None.</p> <p>CERCLA/EPCRA Reportable Quantity: None.</p> <p>California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): This product does not contain a chemical known in the State of California to cause cancer. This product does not contain a chemical known to the State of California to cause birth defects or other reproductive harm.</p>
----------------	--

SAFETY DATA SHEET according to OSHA Hazard Communication Standard (29 CFR 1910.1200)	
Hibiclens	Version number: 1b
	Issued: 2019-17-06

	Local laws and regulations should be carefully observed
Other regulations	European Parliament and Council Regulation (EC) No 1272/2008, CLP. Regulation (EC) No 1907/2006 of the European Parliament and of the Council, REACH

SECTION 16: Other information

Changes to previous revision	Version number: 1
Abbreviations	<p>OSHA - Occupational Safety and Health Administration CAS - Chemical Abstracts Service. OEL - Occupational Exposure Limit. UN - United Nations RCRA - Resource Conservation and Recovery Act IARC - International Agency for Research on Cancer NTP – National Toxicology Program GHS – Globally Harmonized System PEL - Permissible Exposure Limits ACGIH - American Conference of Governmental Industrial Hygienists TLV - Threshold Limit Values NIOSH – National Institute for Occupational Safety and Health REL - Recommended Exposure Limits TSCA - Toxic Substances Control Act EPA – Environmental Protection Agency CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act EPCRA - Emergency Planning & Community Right-To-Know Act SARA - Superfund Amendments and Reauthorization Act BCF - Bioconcentration factor EHS – Extremely Hazardous Substance DSL – Domestic Substance List NDSL – Non-Domestic Substance List DOT – Department of Transportation CFR - Code of Federal Regulations</p> <p>Eye Dam. 1 – Serious eye damage, hazard category 1 Acute Tox. 4 – Acute toxicity, oral, hazard category 4 Skin Irrit. 2 – Skin irritation, hazard category 2 Flam. Liq. 2 – Flammable liquid, hazard category 2 STOT SE 3 – Specific target organ toxicity, Single exposure, hazard category 3 Eye Irrit. 2 – Eye irritation, hazard category 2 H302 - Harmful if swallowed H225 - Highly flammable liquid and vapour H315 - Causes skin irritation H319 - Causes serious eye irritation H336 - May cause drowsiness or dizziness</p>
References to key literature and data sources	The Resource Conservation and Recovery Act (RCRA) Subtitle C, US EPA OSHA Annotate Table Z-1, Z-2 and Z-3 OSHA Hazard Communication Standard (29 CFR 1910.1200)

SAFETY DATA SHEET according to OSHA Hazard Communication Standard (29 CFR 1910.1200)	
Hibiclens	Version number: 1b
	Issued: 2019-17-06

	California Division of Occupational Safety and Health PEL's American Conference of Governmental Industrial Hygienists (ACGIH®) TLV's International Agency for Research on Cancer (IARC) Monographs, Volumes 1-120
--	---

Other

Additional information	The information herein is given in good faith and based on technical data that supplier of SDS believes to be reliable. Handling of any chemical substance requires the previous knowledge of its hazards for the user. It is responsibility of the product user enterprise to promote the training of its employees and contractors about the possible risks arising from the product.
------------------------	---