SAFETY DATA SHEET

Antibac Floorwipes

The safety data sheet is in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued	28.06.2010
Revision date	28.06.2021

1.1. Product identifier

Product name	Antibac Floorwipes
Synonyms	Antibac Gulvkluter
Article no.	601657

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

Use of the substance / mixture	Disposable wipes for cleaning floors or other large surfaces

1.3. Details of the supplier of the safety data sheet

Distributor

Company name	KiiltoClean AS
Office address	Hagaløkkveien 13, 1383 Asker
Postal address	Postboks 103
Postcode	NO-1371
City	Asker
Country	Norway
Telephone number	+47 66 77 11 70
Email	post.no@kiilto.com
Website	www.kiilto.no

1.4. Emergency telephone number

Emergency telephone	Telephone number: 111 (NHS) Description: For poisoning emergencies (UK)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP classification, notes	Classification according to (EC) No.1272/2008: Not classified.

2.2. Label elements

Composition on the label	Non-ionic surfactants < 5 %, Perfume
Supplemental label information	EUH 210 Safety data sheet available on request.

2.3. Other hazards

PBT / vPvB	PBT/vPvB assessment has not been performed.
Other hazards	The chemical does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Ethanol	CAS No.: 64-17-5 EC No.: 200-578-6 Index No.: 603-002-00-5 REACH Reg. No.: 01-2119457610-43	Flam. Liq. 2; H225 Eye Irrit. 2; H319	< 5 %	
(C12-16) Alkyldimethylbenzylammonium chloride	CAS No.: 68424-85-1 EC No.: 270-325-2	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr. 1B; H314 Aquatic Acute 1; H400	< 0,5 %	

Remarks, substance	Etanol CAS No 64-17-5 has specific concentration limits: Eye Irrit.2, H319; C > 50 %
Substance comments	See section 16 for explanation of hazard statements (H) listed above.

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Call a POISON CENTER or doctor/physician if you feel unwell. Emergency telephone number: see section 1.4. In case of unconsciousness or severe accidents, call 112.
Inhalation	Fresh air and rest.
Skin contact	Remove contaminated clothing. Wash the skin immediately with soap and water.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.
Ingestion	Not likely. Rinse mouth. Do not induce vomiting.

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

Acute symptoms and effects	Inhalation: High concentrations: May cause drowsiness or dizziness. Eye contact: May cause temporary eye irritation.
Delayed symptoms and effects	Degreasing to skin.

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

Other information	Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry chemical or water mist.
Improper extinguishing media	Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	The chemical is not classified as flammable.
Hazardous combustion products	May include, but is not limited to: Carbon dioxide (CO2). Carbon monoxide (CO).

5.3. Advice for firefighters

Personal protective equipment	Firefighters who may be exposed to smoke or thermal decomposition products shall wear all available personal protective equipment (PPE) and SCBA mask.
Other information	Containers close to fire should be removed immediately or cooled with water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Remove all ignition sources and ventilate the area. Use protective equipment as referred to in section 8.

6.2. Environmental precautions

Environmental precautionary measures	Prevent spillage of large quantity to sewer, waterway or ground.

6.3. Methods and material for containment and cleaning up

Cleaning method	Collect in suitable containers and deliver as waste according to section 13.

6.4. Reference to other sections

Other instructions	See also sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Provide adequate ventilation. Avoid contact with eyes and prolonged skin contact.

Protective safety measures

Safety measures to prevent fire	Smoking and naked flames and other ignition sources are prohibited.

Advice on general occupational hygiene	Wash hands after contact with the chemical. Change contaminated clothing and take off protective equipment before the meal. Do not smoke, drink or eat in the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in tightly closed original container in a well-ventilated place.

Conditions for safe storage

Advice on storage compatability	Keep away from: Food and feed.

7.3. Specific end use(s)

Specific use(s)	See section 1.2.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Ethanol	CAS No.: 64-17-5	Limit value (8 h) : 1000 ppm Limit value (8 h) : 1920 mg/m³	

Other Information about threshold limit values	References (laws/regulations): EH40/2005 Workplace exposure limits, with later amendments.

DNEL / PNEC

DNEL	Comments: Ethanol: DNEL Consumer, oral, long term (repeated) exposure: 87 mg/kg DNEL Worker, inhalation, long term (repeated) exposure, systemic effect: 950 mg/m³ (500 ppm) DNEL Consumer, inhalation, short term (acute) exposure, local effect: 950 mg/m³ DNEL Consumer, dermal, long term (repeated) exposure: 206 mg/kg DNEL Consumer, inhalation long term (repeated) exposure: 114 mg/m³ DNEL Worker, dermal, long term (repeated) exposure, systemic effect: 343 mg/kg DNEL Worker, inhalation, short term (acute) exposure, local effect: 1900 mg/m³
PNEC	Comments: Ethanol: PNEC Sediment (fresh water): 3,6 mg/kg PNEC Salt water: 0,79 mg/l PNEC Fresh water: 0,96 mg/l PNEC Soil: 0,63 mg/l

8.2. Exposure controls

Precautionary measures to prevent exposure

Technical measures to prevent exposure	Provide adequate ventilation. The personal protective equipment must be CE-marked and the latest version of the standards shall be used. The protective equipment and the specified standards recommended below are only suggestions, and should be selected on advice from the supplier of such equipment.

	A risk assessment of the work place/work activities (the actual risk) may lead to other control measures.

Eye / face protection

Eye protection	Normally not necessary. Wear splash-proof eye goggles to prevent any possibility of eye contact.
Additional eye protection measures	Eye wash facilities should be available at the work place. Either a fixed eye wash facility connected to the drinking water (preferably warm water) or a portable disposable unit.
Reference to relevant standard	EN 166 (Personal eye-protection. Specifications).

Hand protection

Suitable gloves type	Rubber gloves are recommended. Suitable gloves can be recommended by the glove supplier.
Suitable materials	E.g. Butyl rubber. Nitrile.
Breakthrough time	Value: 480 minute(s) Comments: Standard working day.
Thickness of glove material	Value: ≥ 0,3 mm Comments: Ref: Glove materials guide. Glove thickness must be chosen in consultation with the glove supplier.
Additional hand protection measures	Gloves must only be worn on clean hands.
Reference to relevant standard	EN ISO 374 (Protective gloves against chemicals and micro-organisms). EN 420 (Protective gloves - General requirements and test methods).

Skin protection

Skin protection (except hands)	Ordinary workwear.

Respiratory protection

Respiratory protection	Normally not required.

Appropriate environmental exposure control

Environmental exposure controls	Do not allow to enter into sewer, water system or soil.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Cloth. / Impregnated cloth. The data in this section apply to the liquid.
Colour	Colourless.
Odour	Slight. Perfumed.
Odour limit	Comments: Data lacking.
pH	Value: 5,5 - 7,0

Melting point / melting range	Comments: Data lacking.
Boiling point / boiling range	Comments: Data lacking.
Flash point	Value: > 96 °C
Evaporation rate	Comments: Data lacking.
Flammability	Not relevant, see flash point.
Explosion limit	Comments: Data lacking.
Vapour pressure	Comments: Data lacking.
Vapour density	Comments: Data lacking.
Density	Comments: Data mangler.
Solubility in water	Fully miscible.
Partition coefficient: n-octanol/ water	Comments: Data lacking.
Auto-ignition temperature	Comments: Not spontaneously flammable.
Decomposition temperature	Comments: Data lacking.
Viscosity	Comments: Data lacking.
Explosive properties	Not classified as an explosive.
Oxidising properties	Not oxidizing.

9.2. Other information

Other physical and chemical properties

Physical and chemical properties	No further information is available.

9.2.2. Other safety characteristics

Comments	No further information is available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No test data available.

10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None under normal conditions.

10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid	Strong oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products	None under normal conditions. See also section 5.2.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Other toxicological data	Ethanol: LD50 oral, rat: 6200 mg/kg (IUCLID) LC50 inhalation, rat, 4h: > 124,7 mg/l (IUCLID)

Other information regarding health hazards

Assessment of acute toxicity, classification	Based on available data, the classification criteria are not met.
Assessment of skin corrosion / irritation, classification	Based on available data, the classification criteria are not met.
Assessment of eye damage or irritation, classification	Based on available data, the classification criteria are not met.
Assessment of respiratory sensitisation, classification	Based on available data, the classification criteria are not met.
Assessment of skin sensitisation, classification	Based on available data, the classification criteria are not met.
Assessment of germ cell mutagenicity, classification	Based on available data, the classification criteria are not met.
Assessment of carcinogenicity, classification	Based on available data, the classification criteria are not met.
Assessment of reproductive toxicity, classification	Based on available data, the classification criteria are not met.
Assessment of specific target organ toxicity - single exposure, classification	Based on available data, the classification criteria are not met.
Assessment of specific target organ toxicity - repeated exposure, classification	Based on available data, the classification criteria are not met.
Assessment of aspiration hazard, classification	Based on available data, the classification criteria are not met.

Symptoms of exposure

In case of ingestion	May cause discomfort if swallowed.
In case of skin contact	Degreasing.
In case of inhalation	In high concentrations: Vapours may cause drowsiness and dizziness.
In case of eye contact	May cause temporary eye irritation.

11.2 Other information

Endocrine disruption	The chemical does not contain any known or suspected endocrine disruptors.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	Ethanol: LC50 (fish 48h): 8.140 mg/l (Species: Leuciscus idus, IUCLID) EC50 (Daphnia, 48h): 9.268 – 14.221 mg/l (Species: Daphnia magna, IUCLID) IC5 (algae, 168h): 5.000 mg/l (Species: Scenedesmus quadricauda (green algae), IUCLID) EC5 (bacteria, 16h): 6.500 mg/l (Species: Pseudomonas putida, IUCLID) Not classified as dangerous to the environment.

12.2. Persistence and degradability

Persistence and degradability, comments	There are no data available on the chemical itself. Ethanol: Biodegradability: 94 % (OECD 301 E) Complete aerobic biodegradation.

12.3. Bioaccumulative potential

Bioaccumulative potential	Data lacking.

12.4. Mobility in soil

Mobility	Miscible with water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	PBT/vPvB assessment has not been performed.

12.6. Endocrine disrupting properties

Endocrine disrupting properties	The chemical does not contain any known or suspected endocrine disruptors.

12.7. Other adverse effects

Additional ecological information	Data lacking.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Deliver to authorised waste vendor. The waste code (EWC-Code) is intended as a guide. The user must select a code if the use differs from the one mentioned below.
EWC waste code	EWC waste code: 200130 detergents other than those mentioned in 20 01 29 Classified as hazardous waste: No
Other information	Do not empty into drains.

SECTION 14: Transport information

Dangerous goods	No

14.1. UN number

Comments	Not relevant.

14.2. UN proper shipping name

Comments	Not relevant.

14.3. Transport hazard class(es)

Comments	Not relevant.

14.4. Packing group

Comments	Not relevant.

14.5. Environmental hazards

Comments	Not relevant.

14.6. Special precautions for user

Special safety precautions for user	Not relevant.

14.7. Maritime transport in bulk according to IMO instruments

Pollution category	Not relevant.

SECTION 15: Regulatory information

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

Restriction of chemicals according to Annex XVII (REACH)	None.
Nanomaterial	No
References (laws/regulations)	Regulation (EC) No 1907/2006 on the registration, evaluation, authorization and restriction of chemicals (REACH Regulation), with later amendments. Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP-regulation) with later amendments. Norwegian regulations on waste. no. 930/2004, from the Ministry of Environment. The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009.

15.2. Chemical safety assessment

Chemical safety assessment performed	No

SECTION 16: Other information

Supplier's notes	The information contained in this SDS must be made available to all those who handle the product.
List of relevant H-phrases (Section 2 and 3)	H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.
Abbreviations and acronyms used	DNEL: Derived No Effect Level EC50: The effective concentration of substance that causes 50% of the maximum response IC50: The concentration of compound that results in 50% inhibition of a biological or biochemical function. LC50: Median concentration lethal to 50% of a test population. LD50: Lethal dose, is the amount of a substance given to a group of test animals, which causes the death of 50%. PBT: Persistent, Bioaccumulative and Toxic PNEC: Predicted No Effect Concentration vPvB: very Persistent and very Bioaccumulative
Information added, deleted or revised	CLP/REACH Layout.
Revision responsible	KiiltoClean AS
Version	2
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