

Safety Data Sheet

Kiilto Pro Keyboard Wipe

Issued: 14/08/2024
Version: 1.0.0

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

1.1. Product identifier

Trade name: Kiilto Pro Keyboard Wipe

UFI: W4JM-R07W-M00R-X70Y

Article no

Article no	Description
55210	80 single wipes

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

Recommended uses: Biocide substances. Surface Disinfection.
Use biocides safely. Always read the label and product information before use.
Disinfectants and algaecides not intended for direct application to humans or animals (PT 2).

Kiilto Pro Keyboard Wipes have been developed for quick and effective disinfection of keyboards, computer mice, analogue phones, remote controls etc.

1.3. Details of the supplier of the safety data sheet

Supplier

Company: KiiltoClean Oy
Address: Tengströminkatu 6
Zip code: 20360
City: Turku (EU)
Country: FINLAND
Phone: +358 (0)20 7710 400
Homepage: www.kiilto.com

Distributor

Company: KiiltoClean Oy
Address: Tengströminkatu 6
Zip code: 20360
City: Turku (EU)
Country: FINLAND
Phone: +358 (0)20 7710 400
Homepage: www.kiilto.com

1.4. Emergency Telephone Number

KiiltoClean A/S: +45 64 71 21 12 (Opening hours Mon-Thu 08.00-16.00/ Fri 08.00-14.30 CET). Please call your National Poison Center in case of emergency outside our office hours. The emergency telephone is open 24 hours.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Flam. Liq. 2;H225
Eye Irrit. 2;H319

CLP Classification - other information: Liquid in wipes.

Safety Data Sheet

Kiilto Pro Keyboard Wipe

Issued: 14/08/2024
Version: 1.0.0

Most serious harmful effects: Highly flammable liquid and vapour. Causes serious eye irritation.

2.2. Label elements

Pictograms



Signal word: Danger

Hazard Statements

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

Precautionary statements

P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental information

Use: Surface disinfection. For private and professional use.
Type of formulation: Ready to use wipe.
Active substances: 623 g/kg Ethanol.
Dosage: Wipe the desired surface thoroughly with the cloth and let the liquid evaporate. Use more wipes as needed.
Disposal: The outer packaging is sorted as cardboard, empty foils and used product as residual waste. Unused product is disposed of as hazardous waste.

2.3. Other hazards

The product does not contain any PBT or vPvB substances.
Endocrine disrupting properties: None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
Ethanol	64-17-5 200-578-6 01-2119457610-43-xxxx	60 - 70 %	15	Flam. Liq. 2;H225 Eye Irrit. 2;H319 C ≥ 50%: Eye Irrit. 2;H319
propan-2-ol	67-63-0 200-661-7 01-2119457558-25-xxxx	5 - 10 %		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336
2-methylpropan-2-ol	75-65-0 200-889-7	< 0.1 %		Flam. Liq. 2;H225 Eye Irrit. 2;H319 Acute Tox. 4;H332 STOT SE 3;H335

Please see section 16 for the full text of H- / EUH-phrases.

15 = REACH-registered with a different classification than in Regulation 1272/2008 Appendix VI.

SECTION 4: First aid measures

4.1. Description of first aid measures

Safety Data Sheet

Kiilto Pro Keyboard Wipe

Issued: 14/08/2024
Version: 1.0.0

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Not relevant as the product is an article.
Skin contact:	Wash the skin with water. Seek medical advice in case of persistent discomfort.
Eye contact:	Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.
General:	When obtaining medical advice, show the safety data sheet or label.

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

Direct contact: Irritating to eyes. Causes a burning sensation and tearing.
Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.
The product releases organic solvent vapours which may cause lethargy and dizziness.

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

Treat symptoms. No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.

Unsuitable extinguishing media: Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards: The liquid in the product is highly flammable, and when heated, vapors may form explosive mixtures with air.

Hazardous combustion products: Carbon monoxide and carbon dioxide.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Stop leak if this can be done without risk. Provide adequate ventilation. Smoking and naked flames prohibited.

For emergency responders: In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

6.2. Environmental precautions

Avoid unnecessary release to the environment.

6.3. Methods and material for containment and cleaning up

Sweep up/collect spills for possible reuse or transfer to suitable waste containers. Provide good ventilation.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

Safety Data Sheet

Kiilto Pro Keyboard Wipe

Issued: 14/08/2024
Version: 1.0.0

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use the product under well-ventilated conditions. Smoking and naked flames prohibited. Wash hands before breaks, before using restroom facilities, and at the end of work. Running water and eye wash equipment must be available.

7.2. Conditions for safe storage, including any incompatibilities

To be stored safely out of reach of children and not together with food, feed, medicine and the like. Keep in tightly closed original packaging.

7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements.

Measuring methods: Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

Legal basis: Commission Directive 2000/39/EC (Occupational Exposure Limits) as subsequently amended. Last amended by Commission Directive 2019/1831/EU. Directive 2004/37/EC (Exposure to carcinogens or mutagens at work) as subsequently amended. Last amended by Directive 2024/869/EU. Directive 2009/148/EC (Exposure to asbestos at work) as subsequently amended. Last amended by Directive 2023/2668/EU.

PNEC

Ethanol, cas-no 64-17-5				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (intermittent releases)	2,75 mg/l			
PNEC aqua (marine water)	0,79 mg/l			
PNEC aqua (intermittent releases)	2,75 mg/l			
PNEC sediment (freshwater)	3,6 mg/kg			
PNEC sediment (marine water)	2,9 mg/kg			
PNEC STP (wastewater-treatment facilities)	580 mg/l			
PNEC soil	0,63 mg/kg			
PNEC aqua (freshwater)	0,96 mg/l			
propan-2-ol, cas-no 67-63-0				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	140,9 mg/l			
PNEC aqua (marine water)	140,9 mg/l			
PNEC aqua (intermittent releases)	140,9 mg/l			
PNEC STP (wastewater-treatment facilities)	2251 mg/l			
PNEC soil	552 mg/kg dw			

Safety Data Sheet

Kiilto Pro Keyboard Wipe

Issued: 14/08/2024

Version: 1.0.0

PNEC soil	28 mg/kg			
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DNEL - workers

Ethanol, cas-no 64-17-5

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (acute/short-term exposure - local effects)	1900 mg/m ³				
Dermal DNEL (long-term exposure - systemic effects)	343 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	950 mg/m ³				

propan-2-ol, cas-no 67-63-0

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	888 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	500 mg/m ³				

DNEL - general population

Ethanol, cas-no 64-17-5

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	206 mg/kg bw/day				
Oral DNEL (long-term exposure - systemic effects)	87 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	114 mg/m ³				
Inhalation DNEL (acute/short-term exposure - local effects)	950 mg/m ³				

propan-2-ol, cas-no 67-63-0

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	319 mg/kg bw/day				
Oral DNEL (long-term exposure - systemic effects)	26 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	89 mg/m ³				

8.2. Exposure controls

Appropriate engineering controls:

Wear the personal protective equipment specified below.

Safety Data Sheet

Kiilto Pro Keyboard Wipe

Issued: 14/08/2024

Version: 1.0.0

Personal protective equipment, eye/face protection: Not required for normal expected usage.
Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166.

Personal protective equipment, skin protection: Not required.

Personal protective equipment, hand protection: In the event of direct skin contact, wear protective gloves: Type of material: Nitrile rubber/ Butyl rubber. Breakthrough time has not been determined for the product. Change gloves often. Gloves must conform to EN 374.
Light use , shortterm contact (below 10 min.): Not required.

Personal protective equipment, respiratory protection: Normally not required.
In case of insufficient ventilation, wear respiratory protective equipment. Filter type: A2/P3. Respiratory protection must conform to one of the following standards: EN 136/140/145.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Impregnated cloth.
Colour	Clear
Odour	Alcohol
Solubility	Miscible with the following: Water. Alcohols.

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	78.5 - 100 °C	
Flammability (solid, gas)		Not applicable, see flashpoint.
Flammability limits	No data	
Explosion limits	2.5 - 19 vol%	
Flash Point	< 21 °C	
Auto-ignition temperature	No data	
Decomposition temperature:	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	No data	
Relative density	No data	
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Other Information: None.

SECTION 10: Stability and reactivity

Safety Data Sheet

Kiilto Pro Keyboard Wipe

Issued: 14/08/2024
Version: 1.0.0

10.1. Reactivity

Reacts with the following: Strong oxidisers.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

Product vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

10.4. Conditions to avoid

Avoid heating and contact with ignition sources.

10.5. Incompatible materials

Strong oxidisers.

10.6. Hazardous decomposition products

None, if stored at the recommended storage conditions.
Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released. Among other: Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

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

Acute toxicity - oral

Ethanol, cas-no 64-17-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2000 mg/kg		OECD TG 401	Supplier

propan-2-ol, cas-no 67-63-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2000 mg/kg			Supplier

Ingestion may cause discomfort. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - dermal

Ethanol, cas-no 64-17-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 2000 mg/kg		OECD TG 402	Supplier

propan-2-ol, cas-no 67-63-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 2000 mg/kg			Supplier

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - inhalation

Ethanol, cas-no 64-17-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Mouse		4 h	> 20 mg/l			Supplier

propan-2-ol, cas-no 67-63-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	8 h	> 20 mg/l			Supplier

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Safety Data Sheet

KiiLTO Pro Keyboard Wipe

Issued: 14/08/2024
Version: 1.0.0

Skin corrosion/irritation

Ethanol, cas-no 64-17-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	Irritation				OECD TG 404	Supplier

propan-2-ol, cas-no 67-63-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit				Non-irritating		Supplier

Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Serious eye damage/eye irritation

Ethanol, cas-no 64-17-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit				Moderate eye irritation	OECD TG 405	Supplier

propan-2-ol, cas-no 67-63-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit				Irritating		Supplier

Direct contact: Irritating to eyes. Causes a burning sensation and tearing.

Respiratory sensitisation or skin sensitisation

Ethanol, cas-no 64-17-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Guinea Pig				Not sensitizing	OECD TG 406	Supplier

propan-2-ol, cas-no 67-63-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Guinea Pig	Buehler-Test			Not sensitizing		Supplier

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Germ cell mutagenicity: The product does not have to be classified. Test data are not available.

Carcinogenic properties: The product does not have to be classified. Test data are not available.

Reproductive toxicity: The product does not have to be classified. Test data are not available.

Single STOT exposure: The product does not have to be classified. Test data are not available.

Repeated STOT exposure: The product does not have to be classified. Test data are not available.

Aspiration hazard: The product does not have to be classified. Test data cannot be obtained for technical reasons.

11.2. Information on other hazards

Endocrine disrupting properties: None known.

Other toxicological effects: The product releases organic solvent vapours which may cause lethargy and dizziness. The product does not have to be classified. Test data are not available.

SECTION 12: Ecological information

12.1. Toxicity

Ethanol, cas-no 64-17-5

Safety Data Sheet

Kiilto Pro Keyboard Wipe

Issued: 14/08/2024

Version: 1.0.0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Leuciscus idus melanotus	48 h		> 100 mg/l			Supplier
Algae or other aquatic plants	Chlorella pyrenoidosa			5000 mg/l			Supplier
Crustacea	Daphnia magna	24 h		> 100 mg/l			Supplier
Bacteria	Pseudomonas putida	16 h		6500 mg/l			Supplier

propan-2-ol, cas-no 67-63-0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Leuciscus idus melanotus	48 h	LC50	> 100 mg/l			Supplier
Crustacea	Daphnia magna	48 h	EC50	> 100 mg/l			Supplier
Algae or other aquatic plants	Scenedesmus subspicatus	72 h		> 100 mg/l			Supplier

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

12.2. Persistence and degradability

Readily biodegradable.

12.3. Bioaccumulative potential

No bioaccumulation expected.

12.4. Mobility in soil

Soluble in water. The product contains organic solvents which will evaporate easily from all surfaces.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid unnecessary release to the environment. Collect concentrated spills and major waste in closed, leak-proof containers for disposal at the local hazardous waste site.

Wiping cloths with organic solvents: EWC code: 15 02 02 Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances.

Disposal: The outer packaging is sorted as cardboard, empty foils and used product as residual waste. Unused product is disposed of as hazardous waste.

Category of waste:

Depending on the end use:

07 07 04* other organic solvents, washing liquids and mother liquors

16 03 05* organic wastes containing hazardous substances

18 02 05* chemicals consisting of or containing hazardous substances

Safety Data Sheet

Kiilto Pro Keyboard Wipe

Issued: 14/08/2024

Version: 1.0.0

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	3175	14.4. Packing group:	II
14.2. UN proper shipping name:	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol) (propan-2-ol)	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	4.1		
Hazard label(s):	4.1		
Hazard identification number:	40	Tunnel restriction code:	E

Inland water ways transport (ADN)

14.1. UN number or ID number:	3175	14.4. Packing group:	II
14.2. UN proper shipping name:	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol) (propan-2-ol)	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	4.1		
Hazard label(s):	4.1		
Transport in tank vessels:			

Sea transport (IMDG)

14.1. UN number or ID number:	3175	14.4. Packing group:	II
14.2. UN proper shipping name:	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol) (propan-2-ol)	14.5. Environmental hazards:	The product is not a Marine Pollutant (MP).
14.3. Transport hazard class(es):	4.1	Environmental Hazardous Substance Name(s):	
Hazard label(s):	4.1		
EmS:	F-A, S-I	IMDG Code segregation group:	- None -

Air transport (ICAO-TI / IATA-DGR)

14.1. UN number or ID number:	3175	14.4. Packing group:	II
14.2. UN proper shipping name:	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol) (propan-2-ol)	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	4.1		
Hazard label(s):	4.1		

14.6. Special precautions for user

None.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

Other Information: Boxes of individually packed wet wipes are exempt from ADR in accordance with SP 216.

Safety Data Sheet

Kiilto Pro Keyboard Wipe

Issued: 14/08/2024

Version: 1.0.0

SECTION 15: Regulatory information

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

Special Provisions: Regulation (EU) of the European Parliament and of the Council concerning the making available on the market and use of biocidal products.
REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).
REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
COMMISSION REGULATION (EU) 2020/878 (SDS).
European Agreement concerning the International Carriage of Dangerous Goods by Road.
Council Directive (EC) on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding.
Council Directive (EC) on the protection of young people at work.
Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product.

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
1.0.0	14/08/2024	KiiltoClean A/S (SKP)	New

Abbreviations: DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
STOT: Specific Target Organ Toxicity
PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative

References to literature and data sources: ECHA reg. sub.: ECHA database for information on registered substances.

Other Information: Additional information can be obtained by contacting info.dk@kiilto.com or by telephone +45 6471 2112.

Training advice: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Date: 14/08/2024

Classification method: Calculation based on the hazards of the known components. Test data.

Hazard statements

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.



Safety Data Sheet

Kiilto Pro Keyboard Wipe

Issued: 14/08/2024
Version: 1.0.0

Country: EU