Section 1: Identification Of The Substance/Mixture And Of The Company/Undertaking

1.1 Product Identifier

Product Name	Uniwipe® 2 in 1 Detergent & Disinfectant Wipes
Product Code	1026
Product From	Mixture
Unique Formula identifier (UFI)	Not Required.

1.2 Relevant Identified Uses Of The Substance Or Mixture And Uses Advised Against

1.2.1 Relevant Identified Use(s)

Main use category	Professional use.
Use of the substance/mixture	Cleaning and disinfecting non-invasive medical devices.

1.2.2 Uses Advised Against

Restriction on use	Not for Oral Consumption. Not suitable for Personal Hygiene applications.

1.3 Details Of The Supplier Of The Safety Data Sheet

Manufacturer

Nuvik Global Ltd
Spectrum House,
South View
Dales Industrial Estate,
Peterhead, AB42 3QQ
Tel +44 (0) 333 015 1532

E-Mail: contact@nuvikglobal.com

1.4 Emergency Telephone Number

Emergency Phone No.	**Nuvik Global Ltd:** +44 (0) 333 015 1532 (8:00 – 17:00).
Languages Spoken	English

Section 2: Hazards Identification

2.1 Classification Of The Substance Or Mixture

2.1.1	**Classification according to Regulation (EC) No. 1272/2008 [CLP]**	Not Classified.
2.1.2	**Adverse physicochemical, human health and environmental effects**	No additional information available

2.2 Label Elements

According to Regulation (EC) No. 1272/2008 (CLP):

Hazard Pictogram(S)	Not Applicable.

Signal Word(S)	Not Applicable.
Hazard Statement(s)	Not Applicable.
Precautionary Statement(s)	P102 - Keep out of reach of children. P404 - Store in a closed container. P501 - Dispose of contents and container to National Regulations.

2.3 Other Hazards

Substance(s) not meeting PBT criteria of UK REACH regulations, in accordance with Annex XII:	Quaternary Ammonium Compounds Di C8-C10 alkyldimethyl, chlorides (68424-95-3), Ethanol (64-17-5).
Substance(s) not meeting vPvB criteria of UK REACH regulations, in accordance with Annex XII:	Quaternary Ammonium Compounds Di C8-C10 alkyldimethyl, chlorides (68424-95-3), Ethanol (64-17-5).
Substance(s) not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB BBB.	Quaternary Ammonium Compounds Di C8-C10 alkyldimethyl, chlorides (68424-95-3), Ethanol (64-17-5).

Section 3: Composition/Information On Ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Description Mixture of substances listed below with nonhazardous additions.

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP] and GB CLP Regulations
Quaternary Ammonium Compounds Di C8-C10 alkyldimethyl, chlorides	CAS-No.: 68424-95-3 EC-No.: 270-331-5	>0.5 - <1	Acute Tox. 3 (Oral), H301 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411
Ethanol	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5	<0.1	Flam. Lig. 2, H225

Full text of H- and EUH-statements: see section 16

Section 4: First Aid Measures

4.1 Description Of First Aid Measures

General Information	If medical advice is needed, have product container or label at hand. For immediate first aid advice in the UK, dial 111. When it is safe to do so, remove victim immediately from source of exposure. However, consideration should be given as to whether moving victim will cause further injury.

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention.
Eye Contact	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.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention.

4.2 Most Important Symptoms And Effects, Both Acute And Delayed

Symptoms/effects after inhalation	Unlikely route of exposure due to low volatility of the product.
Symptoms/effects Skin Contact	Not expected to cause irritation to normal unbroken skin.
Symptoms/effects Eye Contact	May cause slight temporary irritation.
Symptoms/effects Ingestion	Unlikely without abuse, likely to cause temporary irritation, a bitter or soapy taste may be reported. NOTE:- Swallowing part of, or, an entire wipe is likely to cause choking.

4.3 Indication Of Any Immediate Medical Attention And Special Treatment Needed

Rinse with plenty of water. Pay particular attention to rinsing eyes.

Section 5: Fire-Fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media	Use extinguishing agent suitable for surrounding fire.

5.2 Special Hazards Arising From The Substance Or Mixture

Fire Hazard	The product is not flammable.
Hazardous decopmosition products in case of fire	On heating, irritating fumes may be produced. Fire of combustable wipe fabric may produce C02, CO NOx fumes.

5.3 Advice For Fire-Fighters

Firefighting instructions	Assess risks based on the size and location of the fire and other components present.
Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Section 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment And Emergency Procedures

General Measures	Remove wipes and opened packs to suitable labelled disposal. Collect any unopened containers for re-use.

6.1.1 For non-emergency personnel

Protective Equipment	Use of gloves is recommended particularly to protect broken skin but is not mandated.
Measures in case of dust release	Not applicable.

6.1.2 For emergency repsonders

Protective Equipment	Protective gloves.

6.2 Environmental Precautions

Avoid release to the environment.

6.3 Methods And Material For Containment And Cleaning Up

Methods for cleaning up	Collect wipe material and place in a suitable waste container. Mop up any liquid, small volumes (<5ltr) may be diluted and flushed to drain, large volumes should be collected for disposal.

6.4 Reference To Other Sections

See sections 2,8,12,13 &14.

Section 7: Handling And Storage

7.1 Precautions For Safe Handling

Hygiene measures	Always wash hands after handling the product

7.2 Conditions For Safe Storage - Including Any Incompatibilities.

Storage conditions	Keep only in original container. Keep container closed when not in use.
Incompatible products	Do not mix with other chemicals.
Incompatible Materials	Avoid repeated use on Copper and Aluminium.
Storage Temperature	Stable at ambient temperatures. Recommended: 0 - 35°c.

7.3 Specific End Use(s)

See section 1 of this SDS, also product labels and use instructions.

Section 8: Exposure Controls/Personal Protection

8.1 Control Parameters

8.1.1	National occupational exposure and biological limit values	No Additional information available.

ETHANOL (64-17-5)	
United Kingdom - Occupational Exposure Limits	
Local Name	Ethanol
VME (OEL TWA)	1920 mg/m^3
	1000 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

8.1.2 Recommended monitoring procedures

Monitoring Methods: No monitoring is required in normal use.

8.1.3 Air contaminants formed: No additional information available.

8.1.4 DNEL and PNEC No additional information available.

8.1.5 Control banding No additional information available.

8.2 Exposure Controls

8.2.1 Appropriate Engineering Controls — Not applicable.

8.2.2 Personal protective equipment

8.2.2.1 Eye/Face Protection — **Eye protection:** During manufacture and packing operations, eye protection is recommended. Refer to EN166 to select appropriate level of protection. During normal use eye protection is not required.

8.2.2.2 Skin Protection — **Hand protection:** During normal use gloves are not required. During manufacture and packing operations, the use of gloves with a breakthrough time >60 minutes is recommended. Refer to EN374 to select appropriate level of protection. Rubber and PVC gloves are recommended. NOTE:- Use of gloves is a good general hygiene practice.

8.2.2.3 Respiratory Protection — **Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment. Note:- This would be very unusual in normal use.

8.2.2.4 Thermal Hazards — No additional information available.

8.2.2.5 Environmental Exposure controls — Avoid release of wipes to the environment.

Section 9: Physical And Chemical Properties

9.1 Information On Basic Physical And Chemical Properties

Physical state	Liquid
Colour	Clear, Colourless
Appearance	Liquid impregnated into a non woven wipe.
Odour	Faint.
Odour Threshold	Not available
Melting Point	Not applicable
Freezing Point	~ 0°C
Boiling point	80 – 110 °C
Flammability	Not flammable

Explosive properties	Product is not explosive.
Oxidising properties	Not oxidizing.
Lower explosion limit	Not available
Upper explosion limit	> 65 °C
Flash point	Not applicable
Auto-ignition temperature	Not applicable
pH	6.0 – 8.0
Viscosity, kinematic	Not applicable
Solubility	The liquid fraction of this product is fully soluble with water.
Partition coefficient n-octanol/water (Log Kow)	Not established.
Vapour Pressure	Not applicable.
Vapour pressure at 50°C	Not applicable
Density	Not applicable
Relative density	0.99 - 1.02 @ 20°C for liquid.
Relative vapour density at 20°C	Not applicable
Particle characteristics	Not applicable

Quaternary Ammonium Compounds Di C8-C10 alkyldimethyl, chlorides (68424-95-3)	
Boiling point	75 - 210 °C Decomposition: 'yes' Decomp. temp.: 210 °C
Vapour pressure	0.00005 Pa Temp.: 25 °C

9.2 Other Information

Other Safety characteristics

Corrosiveness: Avoid repeated use on Aluminium and Copper surfaces

Section 10: Stability And Reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility Of Hazardous Reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions To Avoid

Do not heat the storage container.

10.5 Incompatible Materials

Strong acids. Alkalis and caustic products. Reducing agents. Oxidising agents. Do not mix with Bleach or products containing Sodium Hypochlorite, this could result in dangerous heating of the solution. Avoid repeated or prolonged skin contact.

10.6 Hazardous Decomposition Product(s)

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

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

Acute Toxicity - Oral	Not classified
Acute Toxicity - Dermal	Not classified
Acute Toxicity - Inhalation	Not classified

Quaternary Ammonium Compounds Di C8-C10 alkyldimethyl, chlorides (68424-95-3)	
LD50 oral rat	238 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 0,198 - 0,287.
LD50 dermal rat	3861 mg/kg bodyweight Animal: rabbit, Animal sex: female, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 0 – 4292.
ATE CLP (oral)	238 mg/kg bodyweight.
ATE CLP (dermal)	3861 mg/kg bodyweight.

Skin Corrosion/Irritation	Not classified; pH 6.0 – 8.0.
Serious Eye Damage/Irritation	Not classified; pH 6.0 – 8.0.
Respiratory Or Skin Sensitization	Not classified.
Germ Cell Mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive Toxicity	This mixture has no reproductive/foetal harm classifications and is not expected to be a risk to expectant mothers.
STOT - Single Exposure	Not classified.
STOT - Repeated Exposure	Not classified.
Aspiration Hazard	Not classified.
Viscosity, kinematic:	Not applicable

11.2 Other Information

11.2.1 Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties:	Not known to be an endocrine disruptor.

11.2.2 Other Infomation

No additional information available.

Section 12: Ecological Information

12.1 Toxicity

Hazardous to the aquatic environment, short-term (acute):	Not Classified

Hazardous to the aquatic environment, long-term (chronic): Not Classified

Quaternary Ammonium Compounds Di C8-C10 alkyldimethyl, chlorides (68424-95-3)	
EC50 - Crustacea [1]	0.066 mg/l Test organisms (species): Daphnia magna

12.2 Persistence and Degradability

The surfactants in this formulation are biodegradable

Quaternary Ammonium Compounds Di C8-C10 alkyldimethyl, chlorides (68424-95-3): rapidly degradable.

Ethanol (64-17-5): rapidly degradable.

12.3 Bioaccumulative Potential

Not expected to Bioaccumulate.

12.4 Mobility In Soil

Liquid component is soluble in water and expected to be mobile.

Quaternary Ammonium Compounds Di C8-C10 alkyldimethyl, chlorides (68424-95-3)	
Mobility in soil	747.3 Source: EPISUITE.

12.5 Results of PBT and VPVB Assessment

Quaternary Ammonium Compounds Di C8-C10 alkyldimethyl, chlorides (68424-95-3): This product does not contain any substances ≥ 0.1% that meet PBT criteria of UK REACH regulation, Annex XII. This product does not contain any substances ≥ 0.1% that meet vPvB criteria of UK REACH regulation, Annex XII. classifed as PBT.

Ethanol (64-17-5): This product does not contain any substances ≥ 0.1% that meet PBT criteria of UK REACH regulation, Annex XII. This product does not contain any substances ≥ 0.1% that meet vPvB criteria of UK REACH regulation, Annex XII. classifed as PBT.

12.6 Other adverse effects

None known.
Adverse effects on the environment caused by endocrine disrupting properties: to the best of our knowledge this formulation is not an Endocrine Disruptor.

Section 13: Disposal Considerations

13.1 Waste Treatment Methods

Sewage disposal recommendations: Do not flush to drain. Collect wipes for suitable soil dependent disposal

Product/Packaging disposal Recommendations: Where possible recycle packaging.

Section 14: Transport Information

In accordance with ADR / IMDG / IATA /AON/ RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Transport document descritption				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6 Special Precautions For User

Overland Transport	Not Applicable.
Transport by sea	Not Applicable.
Air transport	Not Applicable.
Inland waterway transport	Not Applicable.
Rail transport	Not Applicable.

14.7 Transport In Bulk According To IMO nstruments

Not applicable

Section 15: Regulatory Information

15.1 Safety, Health And Environmental Regulations/Legislation Specific For The Substance Or Mixture

15.1.1 EU Regulations

UK REACH Annex XVII (Restriction List)

Contains no substance(s) listed on UK REACH Annex XVII (Restriction Conditions) equal to or above the level of SDS disclosure.

UK REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on UK REACH Annex XIV (Authorisation List) equal to or above the 0.1% level of disclosure.

UK REACH Candidate List (SVHC)

Contains no substance(s) listed on the UK REACH Candidate List (SVHC) above the 0.1% level of disclosure.

GB PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the GB PIC list equal to or above the level of SDS disclosure.

POP Regulation (Persistent Organic Pollutants)
Contains no substance(s) listed on the GB POP list equal to or above the level of SDS disclosure.

Ozone Regulation (S.I. No. 168 of 2015)
Contains no substance(s) listed on the GB Ozone Depletion list equal to or above the level of SDS disclosure.

Control of Poisons and Explosice Precursors Act
Contains no substance(s) listed as a reportable poison on the Control fo Posions and Explosive Precursors Regulations equal to or above the level of SDS disclosure.
Contains no substance(s) listed as a regulated poison on the Control fo Posions and Explosive Precursors Regulations equal to or above the level of SDS disclosure.
Contains no substance(s) listed as a reportable explosive precursor on the Control fo Posions and Explosive Precursors Regulations equal to or above the level of SDS disclosure.

Drug Precursors Regulation (273/2004)
Contains no substance(s) listed on the GB Drug Precursors list equal to or above the level of SDS disclosure.

15.1.2 National Regulations

British National Regualtions:

GB REACH, CLP and UK MDR 2002

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

Section 16: Other Information

Inication of changes:
First issue.

LEGEND

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level

EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD5O	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Data sources ECHA (European Chemicals Agency). Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013. Supplier's safety documents. GB Mandatory classification and labelling list.

Full text of H- and EUH-statements:	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed..

H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Nuvik Global Ltd gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Nuvik Global Ltd accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

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