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

1.1 Product Identifier

Product Name	UltraGrime® Anti-bac Clothwipes
Product Code	5440
Product From	Mixture

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

1.2.1 Relevant Identified Use(s)

Main use category Use of the substance/mixture	Professional use.Consumer use. Hard surface disinfection and cleaning.

1.2.2 Uses Advised Against

Restriction on use	Not suitable for oral consumption. Not for direct application to food stuffs.

1.3 Details Of The Supplier Of The Safety Data Sheet

Manufacturer

Nuvik UK 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 UK Ltd: +44 (0) 333 015 1532 (8am – 5pm). NHS (General Public): Dial 111 for advice. Dial 999 for Emergency Assisstance.
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 as amended and retained by GB.	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) as amended and retained by GB:

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

This product does not contain any substances classifed as PBT
Contains no PBT and/or vPvB substances ≥0.1% assessed in accordance with UK REACH Annex XIII.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP at a concentration equal to or greater than 0,1 %.

Section 3: Composition/Information On Ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Description

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	>0.1 - <0.5	Acute Tox. 3 (Oral), H301 Skin Corr. 1B, H314 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II.

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 the victim immediately from the source of exposure. However, consideration should be given as to whether moving the 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. Maintain an open airway.
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. Do not allow to enter drains or water courses. This advice relates to both the liquid component and the impregnated wipes.

6.3 Methods And Material For Containment And Cleaning Up

Methods for cleaning up	Prevent large volumes of liquid from entering drains or contaminating the environment. Collect wipes material and place in a suitable waste disposal container.

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.
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.
8.1.2	Recommended monitoring procedures	No additional information available.
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	No additional information available.

8.2.3 Environmental Exposure Controls

Avoid release to the environment. This advice relates to both the liquid component and the impregnated wipes.

Other information: This SDS is not a COSHH or Risk Assessment. It relates to product as supplied and can be used to assist with local risk assessments.

Section 9: Physical And Chemical Properties

9.1 Information On Basic Physical And Chemical Properties

Physical state	Liquid
Colour	Clear, Colourless
Appearance	Wet wipes
Odour	Orange Scent
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 oxidising
Lower explosion limit	Not available
Upper explosion limit	Not available
Flash point	Not applicable
Auto-ignition temperature	Not applicable
pH	6 - 8
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	>1 - < 1.02 For impregnated wipe material.
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

9.2.1.	Information with regard to physical hazard classes	No additional information available
9.2.2.	Other safety characteristics	
	Relative evaporation rate (butylacetate=1)	Not applicable.

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..

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 - 8.
Serious Eye Damage/Irritation	Not classified; pH 6 – 8.
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.

UltraGrime ANTI-BAC CLOTH WIPES: 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): Not rapidly biodegradable.

12.3 Bioaccumulative Potential

Not expected to Bioaccumulate.

12.4 Mobility In Soil

The liquid fraction of this product issoluble in water.

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

This product does not contain any substances classifed as PBT.

12.6 Endocrine Disrupting Properties

No additional information available.

12.7 Other Adverse Effects

None known.

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	Waste key numbers in accordance with the European Waste Catalogue
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 or ID 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
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

REACH Annex XVII (Restriction List)
Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)
Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)
Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)
Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)
Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)
Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)
Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)
Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)
Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances).

15.1.2 National Regulations

REACH Regulation (EC) No. 1907/2006 as ammedend and retained by GB.
Regulation (EC) No. 1272/2008 (CLP) as amended and retained by GB.
UK HSE EH40 Publication.

UK REACH Annex XIV (Authorisation List):
Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

UK REACH Candidate List (SVHC):
Contains no substance(s) listed on the UK REACH Candidate List

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

Section 16: Other Information

The following sections contain revisions or new statements:
N/A – version 1

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
LOSO	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
H301	Toxic if swallowed.
H314	Causes severe skin burns and eye damage.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B.

Disclaimers

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