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

1.1 Product Identifier

Product Name	UltraGrime® Glass and Window Clothwipes
Product Code	5280
Product From	Impregnated Wipe
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 Use of the substance/mixture	Professional use.Consumer use. Wipe for cleaning Windows and other Reflective Surfaces.

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) This product is registered with NPIS (Medical Professionals Only).
Languages Spoken	English

Section 2: Hazards Identification

2.1 Classification Of The Substance Or Mixture

2.1.1	**Classification according to GB CLP Regulations (SI 2019:720 as amended)**	Not Classified
2.1.2	**Adverse physicochemical, human health and environmental effects**	No additional information available

2.2 Label Elements

Labelling according to GB CLP (SI 2019:720 as amended):

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 in accordance with national regulations.
EUH-statements (GB CLP)	EUH208 - Contains 1,2-benzisothiazol-3(2H)-one(2634-33-5). May produce an allergic reaction.

2.3 Other Hazards

Component	
Substance(s) not meeting the PBT criteria of UK REACH regulation, in accordance with Annex XIII	METHOXYMETHYLBUTANOL (56539-66-3), 1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)
Substance(s) not meeting the vPvB criteria of UK REACH regulation, in accordance with Annex XIII	METHOXYMETHYLBUTANOL (56539-66-3), 1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)
Substance(s) not included in the list established in accordance with Article 59(1) of UK REACH for 33-5) 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 PPP	METHOXYMETHYLBUTANOL (56539-66-3), 1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)

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
Methoxymethylbutanol	CAS-No.: 56539-66-3 EC-No.: 260-252-4	≥2 - < 3	Eye Irrit. 2, H319
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9	<0.1	Acute Tox. 4 (Oral), H302 (ATE = 1020 mg/kg bodyweight) Acute Tox. 2 (Inhalation:dust,mist), H330 (ATE = 0.05 mg/l/4h) Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9	(0.036 ≤ C ≤100) Skin Sens. 1A, H317

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 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.
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.
Storage Temperature :	Stable at ambient temperatures. Recommended: 5 - 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:

United Kingdom - Occupational Exposure Limits	
Remark	No exposure limits known for ingredients.

8.1.2	Recommended monitoring procedures	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	
	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.
	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.
	Respiratory Protection	**Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment. Note:- This would be very unusual in normal use.
	Thermal Hazards	No additional information available.
8.2.3	Environmental Exposure controls	No additional information available.

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	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 oxidising
Lower explosion limit	Not available
Upper explosion limit	Not available
Flash point	Not applicable
Auto-ignition temperature	Not applicable
pH	4 - 6

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 available
Relative density	0.99 - 1.02 @ 20°C
Relative vapour density at 20°C	Not applicable
Particle characteristics	Not applicable

METHOXYMETHYLBUTANOL (56539-66-3)	
Boiling point	173 °C Alm. press.: 1013 hPa Decomposition: 'no' Remarks on result: 'other:'
Flash point	71 °C Alm. press.: 1013 mBar Remarks on result: 'other:'
Auto-ignition temperature	395 °C Source: National Institute of Technology and Evaluation
Vapour pressure	66.5 Pa at 66.5Pa Source: 14303chemical products
1,2-benzisothiazol-3(2H)-one (2634-33-5)	
Boiling point	328.7 °C Alm. press.: 101,325 kPa Decomposition: 'no'
Vapour pressure	0.0000257 mm Hg

9.2 Other Information

Particle characteristics: 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

METHOXYMETHYLBUTANOL (56539-66-3)	
LD50 oral rat	4300 mg/kg Source: OECD Screening Information Data Set
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: other:, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	> 2000 mg/kg Source: OECD Screening Information Data Set

1,2-benzisothiazol-3(2H)-one (2634-33-5)	
LD50 oral rat	1020 mg/kg
LD50 dermal rat	>2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Skin Corrosion/Irritation	Not classified; pH 4 - 6.
Serious Eye Damage/Irritation	Not classified; pH 4 – 6.
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.

1,2-benzisothiazol-3(2H)-one (2634-33-5)	
NOAEL (animal/female, F1)	56.6 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects)

STOT - Single Exposure	Not classified.
STOT - Repeated Exposure	Not classified.

METHOXYMETHYLBUTANOL (56539-66-3)	
LOAEC (inhalation, rat, vapour, 90 days)	0.53 mg/l air Animal: rat, Animal sex: male, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)

Aspiration Hazard — Not classified.

5980 - UltraGrime Glass and Stainless Clothwipes	
Viscosity, kinematic	Not applicable

11.2 Other Information

Endocrine disrupting properties

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

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

METHOXYMETHYLBUTANOL (56539-66-3)	
LC50 - Fish [1]	> 100 mg/l Test organisms (species): Oryzias latipes
EC50 - Crustacea (1]	> 1000 mg/l Test organisms (species): Daphnia magna
EC50 72h -Algae [1]	> 1000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	> 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

1,2-benzisothiazol-3(2H)-one (2634-33-5)	
LC50 - Fish [1]	~16.7 mg/l Test organisms (species): Cyprinodon variegatus
LC50 - Fish [2]	2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	2.94 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	2.9 mg/l Test organisms (species): Daphnia magna

12.2 Persistence and Degradability

The surfactants in this formulation are biodegradable.
METHOXYMETHYLBUTANOL (56539-66-3): Rapidly degradable
1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5): Not rapidly degradable

12.3 Bioaccumulative Potential

Not expected to Bioaccumulate.

1,2-benzisothiazol-3(2H)-one (2634-33-5)	
Partition coefficient n-octanol/water (Log Pow)	0.64

12.4 Mobility In Soil

The liquid fraction of this product is soluble in wate and expected to be mobile.

METHOXYMETHYLBUTANOL (56539-66-3)	
Mobility in soil	1 Source: Quantitative Structure Activity Relation

12.5 Results of PBT and VPVB Assessment

Component	
METHOXYMETHYLBUTANOL (56539-66-3)	This product does not contain substances at 20.1% that meet the PBT criteria of UK REACH regulation, annex XIII. This product does not contain substances at 20.1% that meet the vPvB criteria of UK REACH regulation, annex XIII.
1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)	This product does not contain substances at 20.1% that meet the PBT criteria of UK REACH regulation, annex XIII. This product does not contain substances at 20.1% that meet the vPvB criteria of UK REACH regulation, annex XIII.

12.6 Endocrine Disrupting Properties

Adverse effects on the environment caused by endocrine disrupting properties : To the best of our knowledge this formulation is not an Endocrine Disruptor.

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 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

UK REACH Annex XVII (Restriction List)

This product contains no substance(s) listed on UK REACH Annex XVII (Restriction List) equal to or above the level of SDS disclosure.

UK REACH Annex XIV (Authorisation List)

This product 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)

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

GB PIC regulation (Prior Informed Conset)

This product contains no substance(s) listed on the GB PIC List equal to or above the level of SDS disclosure.

POP Regulation (Persistent Organic Pollutants)

This product 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)

This product contains no substance(s) listed on the GB Ozone Depletion List equal to or above the level of SDS disclosure.

Control of Poisons and Explosives Precursors Act

This product contains substance(s) listed on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure: Sodium hydroxide - 1310-73-2 (12 % of total caustic alkalinity).
This product contains no substance(s) listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure. This product contains no substance(s) listed as a reportable explosive precursor on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure This substance is not listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations.

Drug Precursors Regulation (273/2004)

This product contains no substance(s) listed on the GB Drug Precursors List equal to or above the level of SDS disclosure.

15.1.2 Other Information

British National Regulations: GB REACH and CLP regulations.

15.2 Chemical Safety Assessment

No additional information available.

Section 16: Other Information

The following sections contain revisions or new statements:
N/A – v1.0

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
LD50	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 disruptor

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. 2 (inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment —Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment —Chronic Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1A	Skin sensitisation, category 1A
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH208	EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE(2634-33-5). May produce an allergic reaction.

Disclaimers

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