

**Section 1: Identification Of The Substance/Mixture And Of The Company/Undertaking****1.1 Product Identifier**

Product Name	UltraGrime PRO Multi-Use Clothwipes
Product Code	5900
Product Type	Mixture

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

Identified Use(s)	Hand & Surface Cleansing.
Uses Advised Against	None (test surface compatibility before use)

1.3 Details Of The Supplier Of The Safety Data Sheet

Company Identification	Nuvik Australia Level 6, 10 Herb Elliott Ave Sydney Olympic Park NSW 2127 Australia
Telephone	1300 947 328
E-Mail (Competent Person)	sales@nuvik.com.au

1.4 Emergency Telephone Number

Emergency Phone No.	1300 947 328
Languages Spoken	English

Section 2: Hazards Identification**2.1 Classification Of The Substance Or Mixture**

2.1.1 Regulation (Ec) No. 1272/2008 (CLP) Not classified as hazardous for supply/use.

This material is produced as an “cosmetic” as defined in Regulation (EC) No 1223/2009 (Cosmetics Regulation) and is therefore exempt from CLP 1272/2008 and SDS regulation 2015/830. An SDS has been provided for supply chain communication purposes and handling / storage recommendations only.

2.2 Label Elements

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

Hazard Pictogram(S)	None assigned.
Signal Word(S)	None assigned.
Hazard Statement(s)	None assigned.
Precautionary Statement(s)	None assigned.
Supplemental information	Not applicable

2.3 Other Hazards

None known

Section 3: Composition/Information On Ingredients

3.1 Substances

Not applicable

3.2 Mixtures

EC Classification Regulation (EC) No. 1272/2008 (CLP)

Chemical Identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard Statement(s)
2-bromo-2-nitropropane-1,3-diol <i>Synonyms: Bronopol (INN)</i>	<0.1	52-51-7	200-143-0	01-2119980938-15-0000	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE. 3; H335 Aquatic Acute 1; H400, M-factor(acute) = 10 Aquatic Chronic 2; H411

Section 4: First Aid Measures

4.1 Description Of First Aid Measures

Self-Protection Of The First Aider	Avoid contact with eyes. No other special precautions are required for this product.
Inhalation	Exposure via inhalation is not anticipated. If medical condition occurs through inhalation remove patient to fresh air and keep warm. Seek medical attention if the patient feels unwell.
Skin Contact	This product is not classified as hazardous to skin so adverse reactions are not anticipated in normal handling and use. However, should a reaction occur, then wash the affected area with clean water and seek medical advice.
Eye Contact	Rinse affected eye(s) with clean running water or eye wash for up to 15 minutes. If eye irritation develops or persists, seek medical attention.
Ingestion	Not classified as harmful if ingested. Gently wipe or rinse mouth with clean water, seek medical advice if necessary and show this SDS.

4.2 Most Important Symptoms And Effects, Both Acute And Delayed

None Known

4.3 Indication Of Any Immediate Medical Attention And Special Treatment Needed

Unlikely to be required but if necessary treat symptomatically.
No specific recommendations.



Section 5: Fire-Fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media	No special requirement. Use appropriate extinguisher for the surrounding fire.
Unsuitable Extinguishing Media	Direct water jet may spread the fire.

5.2 Special Hazards Arising From The Substance Or Mixture

Product is not classified as flammable. May form toxic or irritating fume in a fire. Combustion products: Carbon monoxide, Carbon dioxide.

5.3 Advice For Fire-Fighters

Fight fire with normal precautions from a reasonable distance. Fire fighters to wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers.

Section 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment And Emergency Procedures

Caution - spillages may be slippery. Eliminate sources of ignition. Shut off leaks if without risk. Avoid contact with eyes. Ensure adequate ventilation.

6.2 Environmental Precautions

Avoid release to the environment.

6.3 Methods And Material For Containment And Cleaning Up

Large spillages are highly unlikely due to the form of the product. Absorb with inert, absorbent material and place in container for disposal according to local regulations. Transfer to a container for disposal. Wash the spillage area with water.

6.4 Reference To Other Sections

See Section: 8,13

Section 7: Handling And Storage

7.1 Precautions For Safe Handling

Ensure adequate ventilation. Avoid contact with eyes. Do not eat, drink or smoke when using this product.

7.2 Conditions For Safe Storage - Including Any Incompatibilities.

Store in original container with lid closed.
Store at cool/low-temperatures in a dry & well-ventilated place.
Store away from heat, ignition sources and direct sunlight.

Storage Temperature
Incompatible Materials

Stable at ambient temperatures. Recommended: 5 - 35°C.
None Known.

7.3 Specific End Use(s)

See Section: 1.2

Section 8: Exposure Controls/Personal Protection

8.1 Control Parameters

8.1.1	Occupational Exposure Limits	No EU or UK Occupational Exposure limits
8.1.2	Biological Limit Value	Not established
8.1.3	PNECs and DNELs	Not applicable

8.2 Exposure Controls

8.2.1	Appropriate Engineering Controls	Ensure adequate ventilation, keep away from heat and ignition sources.
8.2.2	Individual Protection Measures	Avoid contact with eyes and if appropriate wear Personal Protection Equipment Maintain good industrial hygiene - do not eat, drink, smok at the the workplace
	Eye/Face Protection	Not required in normal handling / use - but avoid eye contact.
	Skin Protection - Hand	Not required in normal handling and use.
	Skin Protection - Body	Not required in normal handling and use.
	Respiratory Protection	Not normally required.
	Thermal Hazards	Not applicable

8.2.3 Environmental Exposure Controls

Avoid release to the environment

Section 9: Physical And Chemical Properties

9.1 Information On Basic Physical And Chemical Properties

Appearance	White Nonwoven Fabric Impregnated With Clear Liquid Mixture
Odour	Mild odour but not descriptively defined.
Odour Threshold	Not established.
PH	5.5 – 7.0
Melting Point/Freezing Point	Not established.
Initial Boiling Point And Boiling Range	Not established.
Flash Point	Not established.
Evaporation Rate	Not established.
Flammability (Solid, Gas)	Not flammable.
Upper/Lower Flammability, Explosive Limits	Not established.
Vapour Pressure	Not established.
Vapour Density	Not established.
Relative Density	Not established.
Solubility(ies)	Impregnated Liquid Mixture: Soluble in water. Nonwoven fabric wipe: Not soluble.
Partition Coefficient: N-Octanol/Water	Not established.
Auto-Ignition Temperature	Not established.
Decomposition Temperature	Not established.
Viscosity	Impregnated Liquid Mixture: water like max 100 cps.



9.1 Continued

Explosive Properties	Not explosive.
Oxidising Properties	Not oxidizing.

9.2 Other Information

None Known

Section 10: Stability And Reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility Of Hazardous Reactions

None anticipated.

10.4 Conditions To Avoid

Extreme Heat & Cold, Direct Sunlight.

10.5 Incompatible Materials

None known.

10.6 Hazardous Decomposition Product(s)

None known.

Section 11: Toxicological Information

11.1 Information On Toxicological Effects

Acute Toxicity - Ingestion	Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw
Acute Toxicity - Inhalation	Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LC50 >20 mg/L (Vapours)
Acute Toxicity - Skin Contact	Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw
Skin Corrosion/Irritation	Based upon the available data, the classification criteria are not met.
Serious Eye Damage/Irritation	Based upon the available data, the classification criteria are not met.
Respiratory Or Skin Sensitization	Based upon the available data, the classification criteria are not met.
Germ Cell Mutagenicity	Based upon the available data, the classification criteria are not met.
Carcinogenicity	Based upon the available data, the classification criteria are not met.
Reproductive Toxicity	Based upon the available data, the classification criteria are not met.
STOT - Single Exposure	Based upon the available data, the classification criteria are not met.
STOT - Repeated Exposure	Based upon the available data, the classification criteria are not met.
Aspiration Hazard	Based upon the available data, the classification criteria are not met.

11.2 Other Information

None

Section 12: Ecological Information**12.1 Toxicity**

Based upon the available data, the classification criteria are not met. - Estimated LC50 (Mixture): >100 mg/l.

12.2 Persistence and Degradability

2-bromo-2-nitropropane-1,3-diol	No data for the mixture as a whole. Readily biodegradable. (OECD 301B)
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12.3 Bioaccumulative Potential

2-bromo-2-nitropropane-1,3-diol	No data for the mixture as a whole. Not anticipated to bioaccumulate. LogPow <0.5. BCF: 3.16 (QSAR) (Unnamed publication, 2012)
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12.4 Mobility In Soil

2-bromo-2-nitropropane-1,3-diol	No data for the mixture as a whole. Predicted to have high mobility in soil. Koc 5 (Handbook of Aqueous Solubility Data) very soluble: Water (>10000 mg/l) (EU Method A.6)
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12.5 Results of PBT and VPVB Assessment

Not classified as PBT or vPvB. This mixture does not contain any substance considered to be PBT or vPvB.

12.6 Other Adverse Effects

None known.

Section 13: Disposal Considerations**13.1 Waste Treatment Methods**

Do not flush into sanitary systems
May be disposed of with household waste going to landfill
Always dispose of according the laws which are applicable to your location

13.2 Additional Information

Packaging Waste	Check suitability for recycling according the laws and recycling schemes which are applicable to your location
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Section 14: Transport Information

Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

	ADR/RID	IMDG	IATA/ICAO
14.1 UN Number	None assigned.	None assigned.	None assigned.
14.2 UN Proper Shipping Name	None assigned.	None assigned.	None assigned.
14.3 Transport Hazard Class(es)	None assigned.	None assigned.	None assigned.
14.4 Packing Group	None assigned.	None assigned.	None assigned.
14.5 Environmental Hazards	Not classified	Not classified as a Marine Pollutant.	Not classified
14.6 Special Precautions For User	See Section: 2		
14.7 Transport In Bulk According To Annex II of MARPOL73/78 and the IBC Code	Not applicable		

Section 15: Regulatory Information**15.1 Safety, Health And Environmental Regulations/Legislation Specific For The Substance Or Mixture**

15.1.1 EU Authorisations / Restrictions On Use	None.
15.1.2 National Regulations	None known.

15.2 Chemical Safety Assessment

A chemical safety assessment is not required under REACH.

Section 16: Other Information

The following sections contain revisions or new statements: Not applicable – V1.0

References:

Existing Safety Data Sheet (SDS).

Harmonised Classification(s) for 2-bromo-2-nitropropane-1,3-diol (CAS No. 52-51-7). Existing ECHA registration(s) for 2-bromo-2-nitropropane-1,3-diol (CAS No. 52-51-7).

This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830. This material is produced as an “cosmetic” as defined in Regulation (EC) No 1223/2009 (Cosmetics Regulation) and is therefore exempt from CLP 1272/2008 and SDS regulation 2015/830. An SDS has been provided for supply chain communication purposes and handling / storage recommendations only.

LEGEND

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BCF	Bioconcentration factor
CAS	Chemical Abstracts Service
DNEL	Derived No Effect Level
EC	European Community
ECHA	European Chemicals Agency
EU	European Union
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
LC50	Lethal concentration at which 50% of the population is killed
LD50	Lethal dose at which 50% of the population is killed
M-factor	Multiplying factor
OECD	Organisation for Economic Cooperation and Development
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No Effect Concentration
QSAR	Quantitative structure-activity relationship
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the international railway transport of dangerous goods
UN	United Nations
vPvB	very Persistent and very Bioaccumulative

Hazard classification / Classification code:

Acute Tox. 4; Acute Toxicity, Category 4
 Acute Tox. 4; Acute Toxicity, Category 4
 Skin Irrit. 2; Skin corrosion/irritation, Category 2
 Eye Dam. 1; Eye damage, category 1
 STOT SE 3; Specific target organ toxicity — single exposure, Category 3
 Aquatic Acute 1; Hazardous to the aquatic environment, acute, Category 1
 Aquatic Chronic 2; Hazardous to the aquatic environment, Chronic, Category 2

Hazard Statement(s)

H302: Harmful if swallowed.
 H312: Harmful in contact with skin.
 H315: Causes skin irritation.
 H318: Causes serious eye damage.
 H335: May cause respiratory irritation.
 H400: Very toxic to aquatic life.
 H411: Toxic to aquatic life with long lasting effects.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.



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Annex to the extended Safety Data Sheet (eSDS)

2-bromo-2-nitropropane-1,3-diol: Exposure scenarios for these substances are not yet available in the supply chain

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