

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008 This SDS is for generic information purposes and does not reflect required country specific information for OEL

ZWALUW UNIVERSAL CLEANING WIPES Supercedes Date: 10-Jul-2020 Revision date 10-Aug-2022 Revision Number 2

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

1.1. Product identifier	
Product Name	ZWALUW UNIVERSAL CLEANING WIPES
Pure substance/mixture	Mixture
1.2. Relevant identified uses of	of the substance or mixture and uses advised against
Recommended use	Wipes Cosmetics Detergent
Uses advised against	None known.
1.3. Details of the supplier of t	the safety data sheet
Company Name Bostik Benelux B.V. Denariusstraat 11 4903 RC Oosterhout The Netherlands Tel: + 31 162 491 000	
E-mail address	SDS.box-EU@bostik.com
1.4. Emergency telephone nur	mber
Emergency Telephone	112
SECTION 2: Hazards ide	ntification
2.1. Classification of the subs	tance or mixture
This classification does not a	pply to cosmetics products

Regulation (EC) No 1272/2008

Serious eye damage/eye irritation Category 2 - (H319)

2.2. Label elements

The labelling requirements according to regulation (EC) No 1272/2008 do not apply to cosmetics products



Signal word Warning

ZWALUW UNIVERSAL CLEANING WIPES

Supercedes Date: 10-Jul-2020

Hazard statements

H319 - Causes serious eye irritation

Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand
P102 - Keep out of reach of children
P264 - Wash hands thoroughly after handling
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention

2.3. Other hazards

No information available.

PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	EC No.	CAS No.	Classification	Specific	M-Factor	M-Factor	REACH
			according to	concentration limit		(long-ter	registration
			Regulation (EC) No.	(SCL)		m)	number
			1272/2008 [CLP]				
Isopropyl alcohol	200-661-7	67-63-0	Eye Irrit. 2 (H319)	-	-	-	01-2119457558-
1 - <2.5 %			STOT SE 3 (H336)				25-XXXX
			Flam. Liq. 2 (H225)				
Alcohols, C9-11,	-	68439-46-3	Eye Dam. 1 (H318)	-	-	-	[7]
ethoxylated			Acute Tox. 4 (H302)				
1 - <2.5 %							
1,3-bis(hydroxymethyl)-5	229-222-8	6440-58-0	Acute Tox. 4 (H302)	-	-	-	01-2119976015-
,5-dimethylimidazolidine-							37-xxxx
2,4-dione							
0.1- <1 %							

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

NOTE [7] - No registration number is given for this substance because it is a polymer exempted from registration according to the provisions of Article 2(9) of REACH. All monomers or other substances within the polymer are registered or exempt from registration

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

ZWALUW UNIVERSAL CLEANING WIPES

Supercedes Date: 10-Jul-2020

Chemical name	EC No	CAS No	Oral LD50 mg/kg	Dermal LD50 mg/kg	LC50 - 4 hour - dust/mist -	Inhalation LC50 - 4 hour - vapour - mg/L	
					mg/L		
Isopropyl alcohol	200-661-7	67-63-0	-	-	-	-	-
Alcohols, C9-11, ethoxylated	-	68439-46-3	1400	-	-	-	-
1,3-bis(hydroxymethyl)- 5,5-dimethylimidazolidi ne-2,4-dione	229-222-8	6440-58-0	2000	-	-	-	-

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	Show this safety data sheet to the doctor in attendance.			
Inhalation	Remove to fresh air.			
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.			
Skin contact	In the case of skin irritation or allergic reactions see a doctor. Wash skin with soap and water.			
Ingestion	Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.			
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).			
4.2. Most important symptoms and effects, both acute and delayed				
Symptoms	May cause redness and tearing of the eyes. Burning sensation.			
4.3. Indication of any immediate m	nedical attention and special treatment needed			
Note to doctors	Treat symptomatically.			
SECTION 5: Firefighting me	asures			
5.1. Extinguishing media				
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.			
Unsuitable extinguishing media	No information available.			
5.2. Special hazards arising from t	he substance or mixture			
Specific hazards arising from the chemical	No information available.			

ZWALUW UNIVERSAL CLEANING WIPES Supercedes Date: 10-Jul-2020

Hazardous combustion products Carbon oxides.

5.3. Advice for firefighters

Special protective equipment and Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protect	ive equipment and emergency procedures
Personal precautions	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
Other information	Refer to protective measures listed in Sections 7 and 8.
For emergency responders	Use personal protection recommended in Section 8.
6.2. Environmental precautions	
Environmental precautions	See Section 12 for additional Ecological Information.
6.3. Methods and material for cont	tainment and cleaning up
Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Take up mechanically, placing in appropriate containers for disposal.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.
6.4. Reference to other sections	
Reference to other sections	See section 8 for more information. See section 13 for more information.
SECTION 7: Handling and s	torage
7.1. Precautions for safe handling	_
Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.
General hygiene considerations	Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.
7.2. Conditions for safe storage, in	ncluding any incompatibilities
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

Recommended storage temperature

7.3. Specific end use(s)

Specific use(s) Cosmetics. Detergent. Wipes.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Do not freeze.

Other information

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

ZWALUW UNIVERSAL CLEANING WIPES Supercedes Date: 10-Jul-2020

8.1. Control parameters

Exposure Limits

Only European Community Occupational Exposure Limits will be shown in this document. Please refer to regional SDS for further information.

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DNEL)				
Isopropyl alcohol (67-63-0)				
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor	
worker Long term Systemic health effects	Inhalation	500 mg/m³		
worker Long term Systemic health effects	Dermal	888 mg/kg bw/d		

Derived No Effect Level (DNI	EL)				
Isopropyl alcohol (67-63-0)					
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor		
Consumer Long term Systemic health effects	Inhalation	89 mg/m³			
Consumer Long term Systemic health effects	Dermal	319 mg/kg bw/d			
Consumer Long term Systemic health effects	Oral	26 mg/kg bw/d			

Predicted No Effect Concentration No information available. (PNEC)

Predicted No Effect Concentration (PNEC)		
Isopropyl alcohol (67-63-0)		
Environmental compartment	Predicted No Effect Concentration (PNEC)	
Freshwater	140.9 mg/l	
Marine water	140.9 mg/l	
Sewage treatment plant	2251 mg/l	
Freshwater sediment	552 mg/kg dry weight	
Marine sediment	552 mg/kg dry weight	
Soil	28 mg/kg dry weight	

8.2. Exposure controls

Engineering controls

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection Hand protection Tight sealing safety goggles. Eye protection must conform to standard EN 166. Wear suitable gloves. Gloves must conform to standard EN 374. Recommended Use: Nitrile rubber. Butyl rubber. Glove thickness > 0.7mm. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The breakthrough time for the mentioned glove

ZWALUW UNIVERSAL CLEANING WIPES Supercedes Date: 10-Jul-2020

Revision date 10-Aug-2022 **Revision Number** 2

Skin and body protection	material is in general greater than 480 min. Suitable protective clothing.
Respiratory protection	In case of inadequate ventilation wear respiratory protection.
Recommended filter type:	Wear a respirator conforming to EN 140 with Type A/P2 filter or better.

Environmental exposure controls Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical		<u>}</u>
Physical state	No information available	
Appearance	Wipes	
Colour	Colourless	
Odour	Characteristic.	
Odour threshold	No information available	
Dronorty	Values	Demostra - Mothad
<u>Property</u> Melting point / freezing point	<u>Values</u> No data available	Remarks • Method None known
Initial boiling point and boiling	> 35 °C	
range	> 30 0	
Flammability	Not applicable for liquids	
Flammability Limit in Air	Not applicable for liquids	None known
Upper flammability or explosive	No data available	None known
limits		
Lower flammability or explosive	No data available	
limits		
Flash point	> 93 °C	
Autoignition temperature	No data available	None known
Decomposition temperature		None known
pH	7	
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	No information available
Water solubility	No data available.	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Vapour pressure	No data available	None known
Relative density	No data available	None known
Bulk Density	No data available	
Liquid Density	No data available	
Relative vapour density	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	
9.2. Other information		
Solid content (%)	No information available	
VOC content		No data available
9.2.1. Information with regards to p	physical hazard classes	

9.2.2. Other safety characteristics No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity

No information available.

ZWALUW UNIVERSAL CLEANING WIPES Supercedes Date: 10-Jul-2020

10.2. Chemical stability	
Stability	Stable under normal conditions.
Explosion data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.
10.3. Possibility of hazardous react	tions
Possibility of hazardous reactions	None under normal processing.
10.4. Conditions to avoid	
Conditions to avoid	Do not freeze.
10.5. Incompatible materials	
Incompatible materials	None known based on information supplied.
10.6. Hazardous decomposition pro	oducts
Hazardous decomposition products	None under normal use conditions. Stable under recommended storage conditions.
SECTION 11: Toxicological i	nformation

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

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
Skin contact	Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	May cause redness and tearing of the eyes.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS documentATEmix (oral)66,666.70 mg/kg

Component Information

ZWALUW UNIVERSAL CLEANING WIPES

Supercedes Date: 10-Jul-2020

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl alcohol	>5000 mg/Kg	= 4059 mg/kg (Oryctolagus cuniculus)	=72600 mg/m ³ (Rattus) 4 h
Alcohols, C9-11, ethoxylated	=1378 mg/kg (Rattus) = 1400 mg/kg (Rattus)	> 2 g/kg (Oryctolagus cuniculus)	-
1,3-bis(hydroxymethyl)-5,5-dim ethylimidazolidine-2,4-dione	=2 g/kg (Rattus)	>20000 mg/Kg (Oryctolagus cuniculus)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation May cause skin irritation.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Isopropyl alcohol (67-63-0)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405:	Rabbit	еуе			Irritant
Acute Eye					
Irritation/Corrosion					

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Isopropyl alcohol (67-63-0)

Method	Species	Exposure route	Results
OECD Test No. 406: Skin	Guinea pig		No sensitisation responses
Sensitisation			were observed

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Component Information

Isopropyl alcohol (67-63-0)		0	D	
		Species Hamster, in vitro	Results Not mutagenic	
Carcinogenicity	Based on	available data, the classification	on criteria are not met.	
Reproductive toxicity	Based on	available data, the classificatio	on criteria are not met.	
STOT - single exposure	Based on	available data, the classification	on criteria are not met.	
STOT - repeated exposure	Based on	available data, the classification	on criteria are not met.	
Aspiration hazard	Based on	available data, the classification	on criteria are not met.	
11.2. Information on other hazards				

ZWALUW UNIVERSAL CLEANING WIPES

Supercedes Date: 10-Jul-2020

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
Isopropyl alcohol	EC50 72 h >	LC50 96 h >	-	EC50:		
67-63-0	1000 mg/L	1400000 ?g/L		=13299mg/L		
	(Desmodesmus	(Lepomis		(48h, Daphnia		
	subspicatus)	macrochirus)		magna)		

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

Chemical name	Partition coefficient
Isopropyl alcohol	0.05
1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione	-2.9

12.4. Mobility in soil

Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
Isopropyl alcohol	The substance is not PBT / vPvB PBT assessment does
	not apply
Alcohols, C9-11, ethoxylated	The substance is not PBT / vPvB
1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

ZWALUW UNIVERSAL CLEANING WIPES Supercedes Date: 10-Jul-2020

Waste from residues/unused products	Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.
Contaminated packaging	Do not reuse empty containers.
Waste codes / waste designations according to EWC / AVV	15 02 02.
Other information	Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

Note:	Keep from freezing.
Land transport (ADR/RID) 14.1 UN number or ID number 14.2 Proper Shipping Name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Environmental hazards 14.6 Special Provisions	Not regulated Not regulated Not regulated Not regulated Not applicable None
IMDG 14.1 UN number or ID number 14.2 Proper Shipping Name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Marine pollutant 14.6 Special Provisions 14.7 Maritime transport in bulk according to IMO instruments	Not regulated Not regulated Not regulated Not regulated NP None Not applicable
Air transport (ICAO-TI / IATA-DGR) 14.1 UN number or ID number 14.2 Proper Shipping Name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Environmental hazards 14.6 Special Provisions	Not regulated Not regulated Not regulated Not regulated Not applicable None

Section 15: REGULATORY INFORMATION

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

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorisation:

ZWALUW UNIVERSAL CLEANING WIPES

Supercedes Date: 10-Jul-2020

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable

Persistent Organic Pollutants

Not applicable

Regulation (EC) No. 648/2004 (Detergents regulation)

Labelling for contents according to regulation (EC) No. 648/2004

< 5% non-ionic surfactants
perfumes, LIMONENE, HEXYL CINNAMAL, CITRAL
preservation agents: DMDM HYDANTOIN (0.14%), IODOPROPYNYL BUTYLCARBAMATE (0.006%)

National regulations

France

Occupational Illnesses (R-463-3, France)

Chemical name	French RG number
Isopropyl alcohol	RG 84
67-63-0	
1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione	RG 15bis,RG 74
6440-58-0	

Germany

Ordinance on Industrial Safety and Health - Germany - BetrSichV No flammable liquids in accordance with BetrSichV

Water hazard class (WGK) slightly hazardous to water (WGK 1)

TRGS - 510 Storage Class Storage Class 11 : Combustible solids

Netherlands

List of Carcinogenic, mutagenic and reproductive toxin substances in accordance with Inspectorate SZW (Netherlands) Not Listed

DenmarkRegistration number(s) (P-no.)No information availableNorwayRegistration number(s) (PRN-no.)No information available

ZWALUW UNIVERSAL CLEANING WIPES

Supercedes Date: 10-Jul-2020

15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture.

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H225 - Highly flammable liquid and vapour

H302 - Harmful if swallowed

H318 - Causes serious eye damage

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

SVHC: Substances of Very High Concern for Authorisation:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Chemicals

vPvB: Very Persistent and very Bioaccumulative (vPvB) Chemicals

STOT RE: Specific target organ toxicity - Repeated exposure

STOT SE: Specific target organ toxicity - Single exposure

EWC: European Waste Catalogue

LOW: List of Wastes (see http://ec.europa.eu/environment/waste/framework/list.htm)

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IATA: International Air Transport Association

ICAO: ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG: International Maritime Dangerous Goods

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

Legend SECTION 8: Exposure controls/personal protection

TWĂ	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
AGW	Occupational exposure limit value	BGW	Biological limit value
Ceiling	Maximum limit value	*	Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - Vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS

European Food Safety Authority (EFSA)

European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC) European Chemicals Agency (ECHA) (ECHA_API)

ZWALUW UNIVERSAL CLEANING WIPES Supercedes Date: 10-Jul-2020 Revision date 10-Aug-2022 Revision Number 2

EPA (Environmental Protection Agency) Acute Exposure Guideline Level(s) (AEGL(s)) International Uniform Chemical Information Database (IUCLID) National Institute of Technology and Evaluation (NITE) NIOSH (National Institute for Occupational Safety and Health) Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme Organisation for Economic Co-operation and Development Screening Information Data Set

Prepared By	Product Safety & Regulatory Affairs
Revision date	10-Aug-2022
Training Advice	No information available
Further information	No information available

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet