



# zilch. BIOLOGICAL WASHROOM CLEANER - VIOLET & JASMINE

## SafetyDataSheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 04/10/2022 Revision date: 20/06/2024 Supersedes version of: 06/03/2024 Version: 4.0

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

### 1.1. Product identifier

Product form : Mixture  
Product name : zilch. BIOLOGICAL WASHROOM CLEANER - VIOLET & JASMINE  
UFI : 7DE0-90CE-N00V-88P4  
Product code : ZIBWC750-10  
Product group : End product

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Main use category Use of the substance/mixture : Consumer use, Professional use  
1.2.2. Uses : Cleaning/washing agents and additives  
advised against No additional information available

### 1.3. Details of the supplier of the safety data sheet

Premier Vanguard,  
Stewart Close, Eccleshill,  
Bradford,  
BD2 2EE  
T +44 (0)1274 648850  
[sales@premvan.com](mailto:sales@premvan.com), [www.premvanshop.com](http://www.premvanshop.com)

### 1.4. Emergency telephone number

Emergency number : +44 (0)1924 565 120

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation, Category 1 H318

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

#### Adverse physicochemical, human health and environmental effects

Causes serious eye damage.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP)

: Danger

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accordingtotheREACHRegulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Contains

Hazard statements (CLP)  
Precautionary statements (CLP)

: REACTION PRODUCT OF BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS.  
AND BENZENESULFONIC ACID, 4-METHYL- AND SODIUM HYDROXIDE  
: H318 - Causes serious eye damage. :  
P102 - Keep out of reach of children.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing  
protection.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove  
contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTER or doctor.  
: EUH208 - Contains LIPASE(9001-62-1), PROTEINASE(9080-56-2), amylase, α-(9000-90-  
2). May produce an allergic reaction.

EUH-statements

### 2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of 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 Commission  
Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
REACTION PRODUCT OF BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS. AND BENZENESULFONIC ACID, 4-METHYL- AND SODIUM HYDROXIDE	CAS-No.: - EC-No.: 932-051-8 REACH-no: 01-2119565112- 48 CAS-No.: 77-92-9	1 – 10	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
CITRIC ACID ANHYDROUS POWDER	EC-No.: 201-069-1 EC Index-No.: 607-750-00-3 REACH-no: 01-2119457026-42 CAS-No.: 9000-90-2 EC-No.: 232-565-6 EC Index-No.: 647-015-00-4	1 – 10	Eye Irrit. 2, H319 STOT SE 3, H335
amylase, α-	CAS-No.: 9001-62-1 EC-No.: 232-619-9 REACH-no: 01-2119972939-	< 1	Resp. Sens. 1, H334
LIPASE	13 CAS-No.: 9080-56-2 EC-No.: 232-991-2 EC Index-No.: 647-013-00-3 REACH-no: 01-2120763416-	< 1	Resp. Sens. 1, H334
PROTEINASE	51	< 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 STOT SE 3, H335

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

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### First-aid measures general

First-aid measures after inhalation

: If you feel unwell, seek medical advice.

First-aid measures after skin contact

: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after eye contact

: Wash skin with plenty of water.

: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion

: Call a poison center or a doctor if you feel unwell.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation

: Dust of the product, if present, may cause respiratory irritation after excessive inhalation exposure. Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.

Symptoms/effects after skin contact

: None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing.

Symptoms/effects after eye contact

: Serious damage to eyes.

Symptoms/effects after ingestion

: None under normal conditions.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media

Unsuitable extinguishing media

: Water spray. Dry powder. Foam.

: Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

: No fire hazard.

: No direct explosion hazard.

: Toxic fumes may be released.

Hazardous decomposition products in case of fire

#### 5.3. Advice for firefighters

Firefighting instructions

: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

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

: Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

##### 6.1.1. For non-emergency personnel

Protective equipment

: Wear recommended personal protective equipment.

Emergency procedures

: Ventilate spillage area. Avoid contact with skin and eyes.

##### 6.1.2. For emergency responders

Protective equipment

: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures

: Evacuate unnecessary personnel.

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### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

For containment	: Using a clean shovel, put the material in a dry container and cover without compressing it.
Methods for cleaning up	: Mechanically recover the product.
Other information	: Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed	: Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling	: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Keep in a cool, well-ventilated place away from heat.
Storage conditions	: Keep cool. Protect from sunlight.
Packaging materials	: Product must only be kept in the original packaging. Store always product in container of same material as original container.

### 7.3. Specific end use(s)

No additional information available

## 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

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

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### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Wearrecommendedpersonalprotectiveequipment.

#### 8.2.2.1. Eye and face protection

##### Eye protection:

Notrequiredfornormalconditionsof use

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Notrequiredfornormalconditions of use

##### Hand protection:

Notrequiredfornormal conditions of use

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

Notrequiredfornormalconditions of use

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Colour	Appearance	Odour	: Solid : red. : Powder. :
Odour threshold	Melting point	Freezing point		characteristic. : Not
Boiling point	Flammability	Lower explosion limit		available : No data
Upper explosion limit	Flash point	Auto-ignition		available : Not
temperature	Decomposition temperature	pH		applicable : Not
pH solution	Viscosity, kinematic	Solubility		available : Non
Partition coefficient n-octanol/water (Log Kow)				flammable. : Not
Vapour pressure	Vapour pressure at 50°C			applicable : Not
Density	Relative density	Relative vapour		applicable : Not
density at 20°C	Particle size			applicable : No data
				available : Not available
				: 5 – 7 5% SOLUTION :
				Not available : Not
				applicable : Soluble. :
				Not available : Not
				available : Not available
				: Not available : No data
				available : No data
				available : Not available

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

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**9.2.2. Other safety characteristics**

No additional information available

### 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

Heat.

#### 10.5. Incompatible materials

Strong acids. Oxidizing agent.

#### 10.6. Hazardous decomposition products

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

amylase, α- (9000-90-2)	
LC50 Inhalation - Rat	> 4.96 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
CITRIC ACID ANHYDROUS POWDER (77-92-9)	
LD50 oral	5400 mg/kg bodyweight Animal: mouse, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other., 95% CL: 4500 - 6400
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
REACTION PRODUCT OF BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS. AND BENZENESULFONIC ACID, 4-METHYL- AND SODIUM HYDROXIDE (-	
LD50 oral rat	≥ 3346 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.1175 (Acute Oral Toxicity), 95% CL: 3196 - 3503
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:

Skin corrosion/irritation : Not classified  
pH: 5 – 7 5% SOLUTION

Serious eye damage/irritation : Causes serious eye damage.  
pH: 5 – 7 5% SOLUTION

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

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Reproductive toxicity  
STOT-single exposure : Not classified :  
Not classified

PROTEINASE (9080-56-2)	
STOT-single exposure	May cause respiratory irritation.
CITRIC ACID ANHYDROUS POWDER (77-92-9)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
LIPASE (9001-62-1)	
NOAEL (oral, rat, 90 days)	≥ 1248.3 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
PROTEINASE (9080-56-2)	
NOAEL (oral, rat, 90 days)	≥ 993 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
CITRIC ACID ANHYDROUS POWDER (77-92-9)	
LOAEL (oral, rat, 90 days)	8000 mg/kg bodyweight Animal: rat
NOAEL (oral, rat, 90 days)	4000 mg/kg bodyweight Animal: rat
Aspiration hazard	: Not classified
zilch. BIOLOGICAL WASHROOM CLEANER - VIOLET & JASMINE	
Viscosity, kinematic	Not applicable
LIPASE (9001-62-1)	
Viscosity, kinematic	Not applicable
CITRIC ACID ANHYDROUS POWDER (77-92-9)	
Viscosity, kinematic	Not applicable
REACTION PRODUCT OF BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS. AND BENZENESULFONIC ACID, 4-METHYL- AND SODIUM HYDROXIDE (-	
Viscosity, kinematic	Not applicable
11.2. Information on other hazards	

No additional information available

## SECTION 12: Ecological information

12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified
LIPASE (9001-62-1)	
LC50 - Fish [1]	> 262.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	> 262.3 mg/l Test organisms (species): Daphnia magna

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<b>LIPASE (9001-62-1)</b>	
EC50 72h - Algae [1]	94.2 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
<b>PROTEINASE (9080-56-2)</b>	
EC50 - Crustacea [1]	3.6 – 7.8 mg/l Test organisms (species): Daphnia magna
<b>amylase, α- (9000-90-2)</b>	
EC50 - Crustacea [1] EC50 - Crustacea [2]	2000 mg/l Test organisms (species): Daphnia magna
	212 mg/l Test organisms (species): Daphnia magna
<b>REACTION PRODUCT OF BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS. AND BENZENESULFONIC ACID, 4-METHYL- AND SODIUM HYDROXIDE (-)</b>	
LC50 - Fish [1] EC50 - Crustacea [1] EC50 72h - Algae [1]	5.5 mg/l
	8.8 mg/l Test organisms (species): Daphnia magna
	25 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	72 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
	1.18 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.23 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '72 d'
NOEC chronic fish	

### 12.2. Persistence and degradability

<b>zilch. BIOLOGICAL WASHROOM CLEANER - VIOLET &amp; JASMINE</b>	
Persistence and degradability	Biodegradable.
<b>LIPASE (9001-62-1)</b>	
Persistence and degradability	Not rapidly degradable
<b>PROTEINASE (9080-56-2)</b>	
Persistence and degradability	
<b>amylase, α- (9000-90-2)</b>	Not rapidly degradable
Persistence and degradability	
	Not rapidly degradable
<b>CITRIC ACID ANHYDROUS POWDER (77-92-9)</b>	
Persistence and degradability	Not rapidly degradable
<b>REACTION PRODUCT OF BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS. AND BENZENESULFONIC ACID, 4-METHYL- AND SODIUM HYDROXIDE (-)</b>	
Persistence and degradability	Rapidly degradable

### 12.3. Bioaccumulative potential

<b>zilch. BIOLOGICAL WASHROOM CLEANER - VIOLET &amp; JASMINE</b>	
Bioaccumulative potential	No bioaccumulation.

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### 12.4. Mobility in soil

#### zilch. BIOLOGICAL WASHROOM CLEANER - VIOLET & JASMINE

Ecology - soil	Adsorbs into the soil.
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### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional waste regulation	Waste treatment methods	: Dispose of in accordance with relevant local regulations.
Sewage disposal recommendations		: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations		: Disposal must be done according to official regulations.
		: Dispose in a safe manner in accordance with local/national regulations. Disposal must be done according to official regulations.
Additional information		: Do not re-use empty containers.

## SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated for transport				
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

### 14.6. Special precautions for user

#### Overlandtransport

Not regulated

#### Transportbysea

Not regulated

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**Air transport**

Not regulated

**Inland waterway transport**

Not regulated

**Rail transport**

Not regulated

**14.7. Maritime transport in bulk according to IMO instruments**

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 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

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### 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

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Abbreviations and acronyms:	
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 disrupting properties

Full text of H- and EUH-statements:	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
EUH208	Contains LIPASE(9001-62-1), PROTEINASE(9080-56-2), amylase, $\alpha$ -(9000-90-2). May produce an allergic reaction.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1

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Full text of H- and EUH-statements:		
Eye	Irrit. 2	Serious eye damage/eye irritation, Category 2 Causes skin irritation. Causes serious
H315	H318	eye damage. Causes serious eye irritation. May cause allergy or asthma symptoms or
H319	H334	breathing difficulties if inhaled. May cause respiratory irritation. Harmful to aquatic life
H335	H412	with long lasting effects. Respiratory sensitisation, Category 1 Skin corrosion/irritation,
Resp. Sens. 1		Category 2 Specific target organ toxicity – Single exposure, Category 3, Respiratory
Skin	Irrit. 2	tract irritation
STOT SE 3		

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



# zilch. BIOLOGICAL WASHROOM CLEANER - VIOLET & JASMINE - DILUTION

## SafetyDataSheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 04/10/2022 Revision date: 13/03/2024 Supersedes version of: 25/10/2023 Version: 2.2

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

### 1.1. Product identifier

Product form	: Mixture
Product name	: zilch. BIOLOGICAL WASHROOM CLEANER - VIOLET & JASMINE - DILUTION
Product code	: ZIBWC750-10
Product group	: End product

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Main use category	Use of the substance/mixture	: Professional use, Consumer use
<b>1.2.2. Uses advised against</b>	No additional information available	: Cleaning/washing agents and additives

### 1.3. Details of the supplier of the safety data sheet

Premier Vanguard,  
Stewart Close, Eccleshill,  
Bradford,  
BD2 2EE  
T +44 (0)1274 648850  
[sales@premvanshop.com](mailto:sales@premvanshop.com), [www.premvanshop.com](http://www.premvanshop.com)

### 1.4. Emergency telephone number

Emergency number : +44 (0)1924 565 120

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

#### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of 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 Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

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### 3.2. Mixtures

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

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
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### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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### 5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area.
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#### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Precautions for safe handling

###### Hygiene measures

- : Ensure good ventilation of the work station.
- : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Storage conditions

- : Store in a well-ventilated place. Keep cool.

##### Packaging materials

- : polyethylene.

#### 7.3. Specific end use(s)

No additional information available

### 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

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### 8.2.2. Personal protection equipment

###### 8.2.2.1. Eye and face protection

##### Eyeprotection:

Not required for normal conditions of use

###### 8.2.2.2. Skin protection

##### Skin and body protection:

Not required for normal conditions of use

##### Hand protection:

Not required for normal conditions of use

###### 8.2.2.3. Respiratory protection

##### Respiratory protection:

Not required for normal conditions of use

###### 8.2.2.4. Thermal hazards

No additional information available

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### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid : red. :
Colour	Liquid. :
Appearance	characteristic. : Not
Odour	available : Not
Odour threshold	applicable : $\approx 0\text{ }^{\circ}\text{C}$ :
Melting point	$\approx 100\text{ }^{\circ}\text{C}$ : Not
Freezing point	applicable : Not
Boiling point	explosive. : No data
Flammability	available. : Not
Explosive properties	available : Not
Oxidising properties	available : Not
Lower explosion limit	applicable. : Not
Upper explosion limit	applicable. : Not
Flash point	available : 6 – 8 : Not
Auto-ignition temperature	available : Miscible. :
Decomposition temperature	Not available : Not
pH	available : Not
Viscosity, kinematic	available : Not
Solubility	available : $\approx 1$ : Not
Partition coefficient n-octanol/water (Log Kow)	available : Not
Vapour pressure	applicable
Vapour pressure at 50°C	
Density	
Relative density	
Relative vapour density at 20°C	
Particle characteristics	

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## 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

Heat.

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### 10.5. Incompatible materials

Strong acids. Oxidizing agent.

### 10.6. Hazardous decomposition products

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
Skin corrosion/irritation	: Not classified pH: 6 – 8
Serious eye damage/irritation	: Not classified pH: 6 – 8
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

### 12.2. Persistence and degradability

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Persistence and degradability	Biodegradable.
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### 12.3. Bioaccumulative potential

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Bioaccumulative potential	No bioaccumulation.
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### 12.4. Mobility in soil

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Ecology - soil	Adsorbs into the soil.
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### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional waste regulation Waste treatment methods Product/Packaging disposal recommendations

- : Dispose of in accordance with relevant local regulations.
- : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- : May be reused following decontamination.

## SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated for transport				
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

### 14.6. Special precautions for user

#### Overlandtransport

Not regulated

#### Transportbysea

Not regulated

#### Air transport

Not regulated

#### Inlandwaterway transport

Not regulated

#### Rail transport

Not regulated

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### 14.7. Maritime transport in bulk according to IMO instruments

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 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

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

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

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Abbreviations and acronyms:	
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 disrupting properties

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.