

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

1.1. Product identifier

Product form : Mixture
Product name : zilch. WASHROOM DISINFECTANT
UFI : VFE0-T01T-Y00C-WM86
Product code : ZIWD750-10
Type of product : Biocidal products (e.g. Disinfectants, pest control)
Product group : End product

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

Relevant identified uses

Main use category : Professional use, Consumer use
Use of the substance/mixture : Disinfectant
Function or use category : 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@premvan.com, 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]

Acute toxicity (oral), Category 4 H302
Skin corrosion/irritation, Category 1, Sub-Category 1B H314
Serious eye damage/eye irritation, Category 1 H318
Hazardous to the aquatic environment – Acute Hazard, Category 1 H400
Hazardous to the aquatic environment – Chronic Hazard, Category 2 H411

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

Adverse physicochemical, human health and environmental effects

May cause damage to organs through prolonged or repeated exposure. Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage. Very toxic to aquatic life with long lasting effects.




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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

2.2. Label elements

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

Hazard pictograms (CLP)	:	  
		GHS05 GHS07 GHS09
Signal word (CLP)	:	Danger
Contains	:	QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES; N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE
Hazard statements (CLP)	:	H302 - Harmful if swallowed. H314 - Causes severe skin burns and eye damage. H410 - Very toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	:	P260 - Do not breathe dust. P301+P312 - IF SWALLOWED: Call a POISON CENTER if you feel unwell. P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P102 - Keep out of reach of children.

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

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES	CAS-No.: 85409-22-9 EC-No.: 287-089-1	9 – 10	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 Skin Irrit. 2, H315
SULPHAMIDIC ACID; SULPHAMIC ACID; SULFAMIC ACID	CAS-No.: 5329-14-6 EC-No.: 226-218-8 EC Index-No.: 016-026-00-0 REACH-no: 01-2119488633- 28 CAS-No.: 2372-82-9	1 – 10	Eye Irrit. 2, H319 Aquatic Chronic 3, H412
N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE	EC-No.: 219-145-8 REACH-no: 01-2119980592- 29	6.741 – 7.49	Acute Tox. 3 (Oral), H301 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 Acute Tox. 4 (Oral), H302
N-DODECYLPROPANE-1,3-DIAMINE	CAS-No.: 5538-95-4 EC-No.: 226-902-6 REACH-no: 01-2120862678- 37	0.3745 – 0.749	Skin Corr. 1A, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact	: 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	: Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects after skin contact	: Burns.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Burns.

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.
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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

For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.
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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

For containment	: Collect spillage.
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.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

: Ensure good ventilation of the work station. Do not breathe dust. Avoid contact with skin and eyes.

Hygiene measures

: Wash contaminated clothing before reuse. 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 locked up. Store in a well-ventilated place. Keep cool.

Packaging materials

: Product must only be kept in the original packaging.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protection equipment

Eye and face protection

Eye protection:

Not required for normal conditions of use

Skin protection

Skin and body protection:

Not required for normal conditions of use

Hand protection:

Not required for normal conditions of use

Respiratory protection

Respiratory protection:

Not required for normal conditions of use

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

: Solid

Colour

: red.

Appearance

: Powder.

Odour

: characteristic.

Odour threshold

: Not available

Melting point

: Not applicable.

Freezing point

: Not applicable

Boiling point

: Not available

Flammability

: Non flammable.

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Lower explosion limit	: Not applicable	: Not applicable
Upper explosion limit	: Not applicable	: Not applicable
Flash point	: No data	: No data
Auto-ignition temperature	: Not available.	: Not available.
Decomposition temperature	: 4 – 6	: 5%
pH	SOLUTION	: Not available
pH solution	: Not applicable	: Soluble.
Viscosity, kinematic	: Not available	: Not available
Solubility	: Not available	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available	: No data
Vapour pressure	: Not available	: No data
Vapour pressure at 50°C	: No data	: No data
Density	: Not available	: Not available
Relative density	: Not available	: Not available
Relative vapour density at 20°C	: Not available	: Not available
Particle size		

9.2. Other information

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

Oxidizing agent. Strong acids.

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)	: Harmful if swallowed.	: Not classified
Acute toxicity (dermal)	: Not classified	: Not classified
Acute toxicity (inhalation)		

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ATE CLP (oral)	1970.555 mg/kg bodyweight
SULPHAMIDIC ACID; SULPHAMIC ACID; SULFAMIC ACID (5329-14-6)	
LD50 oral rat	2140 mg/kg bodyweight Animal: rat, Animal sex: female, Remarks on results: other:
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

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N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE (2372-82-9)

LD50 oral rat	243.6 mg/kg
Skin corrosion/irritation	: Causes severe skin burns. pH: 4 – 6 5% SOLUTION
Serious eye damage/irritation	: Causes serious eye damage. pH: 4 – 6 5% SOLUTION
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

SULPHAMIDIC ACID; SULPHAMIC ACID; SULFAMIC ACID (5329-14-6)

NOAEL (animal/female, F1)	500 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: EPA OPP 83-4 (Reproduction and Fertility Effects)
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE (2372-82-9)

STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified

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Viscosity, kinematic	Not applicable
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QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES (85409-22-9)

Viscosity, kinematic	Not applicable
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SULPHAMIDIC ACID; SULPHAMIC ACID; SULFAMIC ACID (5329-14-6)

Viscosity, kinematic	Not applicable
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N-DODECYLPROPANE-1,3-DIAMINE (5538-95-4)

Viscosity, kinematic	Not applicable
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11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	
Hazardous to the aquatic environment, short-term (acute)	: Very toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, long-term (chronic)	: Very toxic to aquatic life. : Toxic to aquatic life with long lasting effects.

SULPHAMIDIC ACID; SULPHAMIC ACID; SULFAMIC ACID (5329-14-6)

LC50 - Fish [1] EC50	70.3 mg/l Test organisms (species): Pimephales promelas
- Crustacea [1] EC50	71.6 mg/l Test organisms (species): Daphnia magna
72h - Algae [1]	48 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	33.8 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
LOEC (chronic)	34 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

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SULPHAMIDIC ACID; SULPHAMIC ACID; SULFAMIC ACID (5329-14-6)	
NOEC (chronic)	19 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	≥ 60 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '34 d'
N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE (2372-82-9)	
LC50 - Fish [1]	0.431 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	0.0775 mg/l Test organisms (species): Daphnia magna 0.073 mg/l 0.02 mg/l Test
EC50 - Other aquatic organisms [1]	organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [1]	0.012 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	0.066 mg/l Test organisms (species): Daphnia magna Duration: '21 d' 0.024 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
LOEC (chronic)	
NOEC (chronic)	

12.2. Persistence and degradability

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Persistence and degradability	No data available.
QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES (85409-22-9)	
Persistence and degradability	Not rapidly degradable
SULPHAMIDIC ACID; SULPHAMIC ACID; SULFAMIC ACID (5329-14-6)	
Persistence and degradability	Not rapidly degradable
N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE (2372-82-9)	
Persistence and degradability	Not rapidly degradable
N-DODECYLPROPANE-1,3-DIAMINE (5538-95-4)	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

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Bioaccumulative potential	No data available.

12.4. Mobility in soil

No additional information available

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

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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.
- : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 1759	UN 1759	UN 1759	UN 1759	UN 1759
14.2. UN proper shipping name				
CORROSIVE SOLID, N.O.S. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES)	CORROSIVE SOLID, N.O.S. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES)	Corrosive solid, n.o.s. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES)	CORROSIVE SOLID, N.O.S. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES)	CORROSIVE SOLID, N.O.S. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES)
Transport document description				
UN 1759 CORROSIVE SOLID, N.O.S. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES), 8, II, (E), ENVIRONMENTALLY HAZARDOUS	UN 1759 CORROSIVE SOLID, N.O.S. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES), 8, II, MARINE POLLUTANT/ENVIRONME NTALLY HAZARDOUS	UN 1759 Corrosive solid, n.o.s. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES), 8, II, ENVIRONMENTALLY HAZARDOUS	UN 1759 CORROSIVE SOLID, N.O.S. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES), 8, II, ENVIRONMENTALLY HAZARDOUS	UN 1759 CORROSIVE SOLID, N.O.S. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES), 8, II, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)				
8	8	8	8	8
				
14.4. Packing group				
II	II	II	II	II
14.5. Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes EmS-No. (Fire): F-A EmS-No. (Spillage): S-B	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No supplementary information available				
14.6. Special precautions for user				

Overland transport

Classification code (ADR)

: C10

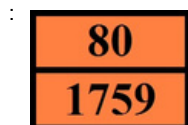
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Special provisions (ADR)

Limited quantities (ADR)	: 274
Excepted quantities (ADR)	: 1kg
Packing instructions (ADR)	: E2
Special packing provisions (ADR)	: P002, IBC08
Mixed packing provisions (ADR)	: B4
Portable tank and bulk container instructions (ADR)	: MP10
Portable tank and bulk container special provisions (ADR)	: T3
Tank code (ADR)	: TP33
Vehicle for tank carriage	: SGAN, L4BN
Transport category (ADR)	: AT
Special provisions for carriage - Packages (ADR)	: 2
Hazard identification number (Kemler No.)	: V11
Orange plates	: 80



Tunnel restriction code (ADR)	: E
EAC code	: 2X

Transport by sea

Special provisions (IMDG)	: 274
Limited quantities (IMDG)	: 1 kg
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P002
IBC packing instructions (IMDG)	: IBC08
IBC special provisions (IMDG)	: B21, B4
Tank instructions (IMDG)	: T3
Tank special provisions (IMDG)	: TP33
Stowage category (IMDG)	: A
Properties and observations (IMDG)	: Causes burns to skin, eyes and mucous membranes.

Air transport

PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y844
PCA limited quantity max net quantity (IATA)	: 5kg
PCA packing instructions (IATA)	: 859
PCA max net quantity (IATA)	: 15kg
CAO packing instructions (IATA)	: 863
CAO max net quantity (IATA)	: 50kg
Special provisions (IATA)	: A3, A803
ERG code (IATA)	: 8L

Inland waterway transport

Classification code (ADN) Special provisions (ADN) Limited quantities (ADN) Excepted quantities (ADN)	: C10
Equipment required (ADN) Number of blue cones/lights (ADN)	: 274
	: 1 kg
	: E2
	: PP, EP
	: 0

Rail transport

Classification code (RID)	: C10
Special provisions (RID)	: 274
Limited quantities (RID)	: 1kg
Excepted quantities (RID)	: E2
Packing instructions (RID)	: P002, IBC08
Special packing provisions (RID)	: B4
Mixed packing provisions (RID)	: MP10
Portable tank and bulk container instructions (RID)	: T3

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Portable tank and bulk container special provisions
(RID) : TP33
Tank codes for RID tanks (RID)
Transport category (RID) : SGAN, L4BN
Special provisions for carriage – Packages (RID) : 2
Colis express (express parcels) (RID) : W11
Hazard identification number (RID) : CE10
: 80

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

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 (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control 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)

15.2. 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)

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Abbreviations and acronyms:	
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

Full text of H- and EUH-statements:	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3 Acute toxicity (oral), Category 4
Acute Tox. 4 (Oral)	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Acute 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Aquatic Chronic 3	Serious eye damage/eye irritation, Category 1 Serious eye
Eye Dam. 1 Eye	damage/eye irritation, Category 2 Skin corrosion/irritation, Category 1,
Irrit. 2 Skin Corr. 1A	Sub-Category 1A

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Full text of H- and EUH-statements:	
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B Skin
Skin Irrit. 2	corrosion/irritation, Category 2 Specific target organ toxicity – Repeated
STOT RE 2	exposure, Category 2 Toxic if swallowed. Harmful if swallowed. Causes
H301 H302	severe skin burns and eye damage. Causes skin irritation. Causes
H314 H315	serious eye damage. Causes serious eye irritation. May cause damage
H318 H319	to organs through prolonged or repeated exposure. Very toxic to aquatic
H373 H400	life. Very toxic to aquatic life with long lasting effects. Toxic to aquatic life
H410 H411	with long lasting effects. Harmful to aquatic life with long lasting effects.
H412	

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. WASHROOM DISINFECTANT - DILUTION - 10G IN 750ML

SafetyDataSheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 20/05/2021 Revision date: 14/03/2024 Supersedes version of: 15/02/2024 Version: 3.2

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

1.1. Product identifier

Product form	: Mixture
Product name	: zilch. WASHROOM DISINFECTANT - DILUTION - 10G IN 750ML
Product code	: ZIWD750-10
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 advised against	No additional information available	: Washing and cleaning products (including solvent based products)

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, 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

Toxic to aquatic life with long lasting effects.

2.2. Label elements

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

Precautionary statements (CLP)	: P273 - Avoid release to the environment. P391 - Collect spillage. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
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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 %

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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

First-aid measures after skin contact

First-aid measures after eye contact

First-aid measures after ingestion

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

: Wash skin with plenty of water.

: Rinse eyes with water as a precaution.

: 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.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures

6.1.2. For emergency responders

Protective equipment

: Ventilate spillage area.

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

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment

Methods for cleaning up

Other information

: Collect spillage.

: Take up liquid spill into absorbent material.

: Dispose of materials or solid residues at an authorized site.

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6.4. Reference to other sections

For further information refer to section 13.

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

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8.2.2.3. Respiratory protection

Respiratory protection:

No required for normal conditions 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	: Liquid : red. :
Colour	Liquid. :
Appearance	characteristic. : Not
Odour	available : ≈ 0 °C :
Odour threshold	Not available : 100
Melting point	°C : Not applicable :
Freezing point	Not available : Not
Boiling point	available : > 93 °C :
Flammability	No data available :
Lower explosion limit	Not available : 5 –
Upper explosion limit	7 : Not available :
Flash point	Miscible. : Not
Auto-ignition temperature	available : Not
Decomposition temperature	available : Not
pH	available : Not
Viscosity, kinematic	available : ≈ 1 : No
Solubility	data available : Not
Partition coefficient n-octanol/water (Log Kow)	applicable
Vapour pressure	
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.

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10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Oxidizing agent. Strong acids.

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: 5 – 7
Serious eye damage/irritation	: Not classified
	pH: 5 – 7
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	
Hazardous to the aquatic environment, short-term (acute)	: Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

12.2. Persistence and degradability

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Persistence and degradability	No data available.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	No data available.
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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	: Dispose of in accordance with relevant local regulations.
Product/Packaging disposal recommendations		: Dispose of contents/container in accordance with licensed collector's sorting instructions.
		: Dispose in a safe manner in accordance with local/national regulations.






SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082
14.2. UN proper shipping name				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES)	Environmentally hazardous substance, liquid, n.o.s. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES)
Transport document description				
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES), 9, III	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS : QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14-ALKYLDIMETHYL, CHLORIDES), 9, III
14.3. Transport hazard class(es)				
9	9	9	9	9


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ADR	IMDG	IATA	ADN	RID
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: M6
Special provisions (ADR)	: 274, 335, 375, 601
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	: 
Tunnel restriction code (ADR)	: -
EAC code	: •3Z

Transport by sea

Special provisions (IMDG)	: 274, 335, 969 :
Limited quantities (IMDG)	5 L : E1 : LP01,
Excepted quantities (IMDG)	P001 : PP1 :
Packing instructions (IMDG)	IBC03 : T4 :
Special packing provisions (IMDG)	TP1, TP29 : F-
IBC packing instructions (IMDG)	A : S-F : A
Tank instructions (IMDG)	
Tank special provisions (IMDG)	
EmS-No. (Fire)	
EmS-No. (Spillage)	
Stowage category (IMDG)	

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG

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PCA packing instructions (IATA)

PCA max net quantity (IATA) : 964

CAO packing instructions (IATA) : 450L

CAO max net quantity (IATA) : 964

Special provisions (IATA) : 450L

ERG code (IATA) : A97, A158, A197, A215

: 9L

Inland waterway transport

Classification code (ADN) : M6

Special provisions (ADN) : 274, 335, 375, 601

Limited quantities (ADN) : 5 L

Excepted quantities (ADN) : E1

Carriage permitted (ADN) : T

Equipment required (ADN) : PP

Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : M6 : 274, 335, 375, 601 :

Special provisions (RID) 5L : E1 : P001, IBC03, LP01,

Limited quantities (RID) R001 : PP1 : MP19 : T4 :

Excepted quantities (RID) TP1, TP29

Packing instructions (RID)

Special packing provisions (RID)

Mixed packing provisions (RID)

Portable tank and bulk container instructions (RID)

Portable tank and bulk container special provisions (RID)

Tank codes for RID tanks (RID)

: LGBV

Transport category (RID) : 3

Special provisions for carriage – Packages (RID) : W12

Special provisions for carriage - Loading, unloading and handling (RID) : CW13, CW31

Colis express (express parcels) (RID)

: CE8

Hazard identification number (RID)

: 90

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)

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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
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

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Abbreviations and acronyms:	
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

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