

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

### 1.1. Product identifier

Product form : Mixture  
Trade name : V-WIPE  
Type of product : Biocidal products (e.g. Disinfectants, pest control)  
Product group : End product  
Other means of identification : UFI: EE00-V0C9-F00M-WVDU

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

#### 1.2.1. Relevant identified uses

Main use category : Professional use  
Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : Biocide  
Function or use category : Biocidal product

#### 1.2.2. Uses advised against

No additional information available

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

#### Manufacturer

Topdental (Products) Ltd  
Unit 1  
Holmfield Industrial Estate  
HX2 9TN Halifax, W. Yorks  
United Kingdom  
T +44 (0) 1535 652750  
[sales@topdental.co.uk](mailto:sales@topdental.co.uk), [www.topdental.co.uk](http://www.topdental.co.uk)

### 1.4. Emergency telephone number

Emergency number : +44 (0) 1535 652750

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	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]

Flammable liquids, Category 2 H225  
Serious eye damage/eye irritation, Category 2 H319  
Full text of H- and EUH-statements: see section 16

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

No additional information available

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### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS07

Signal word (CLP) :

Danger

Hazard statements (CLP) :

H225 - Highly flammable liquid and vapour.  
H319 - Causes serious eye irritation.

Precautionary statements (CLP) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P280 - Wear eye protection, protective gloves.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

Extra phrases :

Keep cool.  
Store in a well-ventilated place. Keep container tightly closed.  
In case of fire: Use alcohol resistant foam to extinguish.

### 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

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol substance with national workplace exposure limit(s) (GB)	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5	$\geq 50$	Flam. Liq. 2, H225

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	: If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Move the affected person away from the contaminated area and into the fresh air. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
First-aid measures after ingestion	: Do not induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

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

Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: Contact during a long period may cause light irritation.

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Symptoms/effects after eye contact : May cause eye irritation.  
Symptoms/effects after ingestion : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : In case of fire: Alcohol-resistant foam.

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

Fire hazard : Highly flammable liquid and vapour.  
Explosion hazard : Explosive vapour/air mixtures may be formed.  
Reactivity in case of fire : Can form explosive mixtures with air.

### 5.3. Advice for firefighters

Precautionary measures fire : Wear self-contained breathing apparatus. Wear protective clothing.  
Firefighting instructions : Eliminate all ignition sources if safe to do so.  
Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing.

## SECTION 6: Accidental release measures

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

General measures : For further information refer to section 8: "Exposure controls/personal protection". Eliminate every possible source of ignition. Stop leak if safe to do so.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Do not discharge into drains or rivers. Contain the spilled material by bunding.

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

For containment : Contain the spilled material by bunding.  
Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).  
Other information : Dispose of materials or solid residues at an authorized site. No flames, no sparks. Eliminate all sources of ignition.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Smoking is forbidden. Use only non-sparking tools. Avoid the formation of mists in the atmosphere. Provide good ventilation in process area to prevent formation of vapour.

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

Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

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### 7.3. Specific end use(s)

Disinfectant.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

Ethanol (64-17-5)	
United Kingdom - Occupational Exposure Limits	
Local name	Ethanol
WEL TWA (OEL TWA)	1920 mg/m <sup>3</sup>
	1000 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

#### 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 adequate ventilation, especially in confined areas. Keep in a cool place. Use spark-/explosionproof appliances and lighting system.

#### 8.2.2. Personal protection equipment

##### Personal protective equipment:

Safety glasses. Protective clothing. Gloves.

##### Personal protective equipment symbol(s):



##### 8.2.2.1. Eye and face protection

No additional information available

##### 8.2.2.2. Skin protection

No additional information available

##### 8.2.2.3. Respiratory protection

No additional information available

##### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

##### Other information:

Do not eat, drink or smoke when using this product.

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### SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Not available
Odour	: Alcoholic. Lemon.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: 80.3 °C
Flammability	: 21 °C Highly flammable liquid and vapour.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 21 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 6.5 – 8.5
pH solution concentration	: 100 %
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20°C	: 0.88 – 0.9
Particle characteristics	: Not applicable

#### 9.2. Other information

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

Fundamental burning velocity	: > 2.2 m/s
Wetted zone pass	: No

##### 9.2.2. Other safety characteristics

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Flammable liquid and vapour.

#### 10.2. Chemical stability

Stable under normal conditions of use. Highly flammable liquid and vapour.

#### 10.3. Possibility of hazardous reactions

Heating may cause a fire or explosion.

#### 10.4. Conditions to avoid

Heat and ignition sources.

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

No additional information available

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### 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

V-WIPE	
LD50 oral rat	> mg/kg
LD50 oral	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Ethanol (64-17-5)	
LD50 oral rat	15010 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 14450 - 15560
LD50 oral	8300 mg/kg bodyweight Animal: mouse

Skin corrosion/irritation : Not classified  
pH: 6.5 – 8.5  
Serious eye damage/irritation : Causes serious eye irritation.  
pH: 6.5 – 8.5  
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

Ethanol (64-17-5)	
NOAEL (subchronic, oral, animal/male, 90 days)	< 9700 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)
NOAEL (subchronic, oral, animal/female, 90 days)	> 9400 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)

Aspiration hazard : Not classified

#### 11.2. Information on other hazards

No additional information available

### SECTION 12: Ecological information

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

Ethanol (64-17-5)	
LC50 - Fish [1]	14.2 g/l Test organisms (species): Pimephales promelas
NOEC (chronic)	9.6 mg/l Test organisms (species): Daphnia magna Duration: '9 d'

#### 12.2. Persistence and degradability

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Persistence and degradability	Not rapidly degradable

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### Ethanol (64-17-5)

Persistence and degradability	Not rapidly degradable
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### 12.3. Bioaccumulative potential

No additional information 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

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions and in accordance to local and regional legislation.
Ecological information	: Do not discharge into drains or rivers.
HP Code	: HP3 - "Flammable:" <ul style="list-style-type: none"><li>– flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point &gt; 55 °C and ≤ 75 °C;</li><li>– flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;</li><li>– flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;</li><li>– flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;</li><li>– water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;</li><li>– other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.</li></ul>

## SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
UN 3175				
<b>14.2. UN proper shipping name</b>				
SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	Solids containing flammable liquid, n.o.s.	SOLIDS CONTAINING FLAMMABLE LIQUID, MOLTEN	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.

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ADR	IMDG	IATA	ADN	RID
<b>Transport document description</b>				
UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., 4.1, II, (E)	UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., 4.1, II	UN 3175 Solids containing flammable liquid, n.o.s., 4.1, II	UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, MOLTEN, 4.1, II	UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., 4.1, II
<b>14.3. Transport hazard class(es)</b>				
4.1	4.1	4.1	4.1	4.1
				
<b>14.4. Packing group</b>				
II	II	II	II	II
<b>14.5. Environmental hazards</b>				
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)	: F1
Special provisions (ADR)	: 216, 274, 601
Limited quantities (ADR)	: 1kg
Excepted quantities (ADR)	: E2
Packing instructions (ADR)	: P002, IBC06, R001
Special packing provisions (ADR)	: PP9
Mixed packing provisions (ADR)	: MP11
Portable tank and bulk container instructions (ADR)	: T3, BK1, BK2
Portable tank and bulk container special provisions (ADR)	: TP33
Vehicle for tank carriage	: AT
Transport category (ADR)	: 2
Special provisions for carriage - Packages (ADR)	: V11
Special provisions for carriage - Bulk (ADR)	: VC1, VC2, AP2
Hazard identification number (Kemler No.)	: 40
Orange plates	: 

Tunnel restriction code (ADR)	: E
EAC code	: 1Z

#### Transport by sea

Special provisions (IMDG)	: 216, 274
Limited quantities (IMDG)	: 1 kg
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P002
Special packing provisions (IMDG)	: PP9
IBC packing instructions (IMDG)	: IBC06
IBC special provisions (IMDG)	: B21
Tank instructions (IMDG)	: T3, BK2
Tank special provisions (IMDG)	: TP33
EmS-No. (Fire)	: F-A

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EmS-No. (Spillage)	: S-1
Stowage category (IMDG)	: B
Properties and observations (IMDG)	: Mixtures of non-dangerous solids (such as soil, sand, production materials etc.) and flammable liquids.

### Air transport

PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y441
PCA limited quantity max net quantity (IATA)	: 5kg
PCA packing instructions (IATA)	: 445
PCA max net quantity (IATA)	: 15kg
CAO packing instructions (IATA)	: 448
CAO max net quantity (IATA)	: 50kg
Special provisions (IATA)	: A46
ERG code (IATA)	: 3L

### Inland waterway transport

Classification code (ADN)	: F1
Special provisions (ADN)	: 216, 274, 601, 800
Limited quantities (ADN)	: 1 kg
Excepted quantities (ADN)	: E2
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01, VE03
Provisions for inspection of holds during carriage (ADN)	: IN01, IN02
Number of blue cones/lights (ADN)	: 1
Additional requirements/Remarks (ADN)	: VE03, IN01 and IN02 apply only when this substance is carried in bulk or without packaging

### Rail transport

Classification code (RID)	: F1
Special provisions (RID)	: 216, 274, 601
Limited quantities (RID)	: 1kg
Excepted quantities (RID)	: E2
Packing instructions (RID)	: P002, IBC06, R001
Special packing provisions (RID)	: PP9
Mixed packing provisions (RID)	: MP11
Portable tank and bulk container instructions (RID)	: T3, BK1, BK2
Portable tank and bulk container special provisions (RID)	: TP33
Transport category (RID)	: 2
Special provisions for carriage – Packages (RID)	: W1
Special provisions for carriage – Bulk (RID)	: VC1, VC2, AP2
Colis express (express parcels) (RID)	: CE11
Hazard identification number (RID)	: 40

## 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)

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### 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 no 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 additional information available

## SECTION 16: Other information

### Full text of H- and EUH-statements:

Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.

The classification complies with : ATP 12

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.