

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Product name : Dabitoft Carpet & Upholstery Spray  
Type of product : Detergent

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Intended for general public  
Main use category : Consumer use, Professional use  
Use of the substance/mixture : Cleaning agent  
Function or use category : Cleaning product

**1.2.2. Uses advised against**

No additional information available

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

Kilrock Products Ltd  
Units 1b/2b  
Alma Road ind Est  
HP5 3HB Chesham - United Kingdom  
T +44 (0)1494 793900  
[velda@kilrock.co.uk](mailto:velda@kilrock.co.uk)

**1.4. Emergency telephone number**

Emergency number : +44 (0)1494 793900

**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 H319  
2

Full text of H statements : see section 16

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

Causes serious eye irritation.

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning  
Hazard statements (CLP) : H319 - Causes serious eye irritation  
Precautionary statements (CLP) : P102 - Keep out of reach of children  
P264 - Wash hands thoroughly after handling  
P280 - Wear eye 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  
P337+P313 - If eye irritation persists: Get medical advice/attention  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation  
EUH-statements : EUH208 - Contains 1,2-benzisothiazol-3(2H)-one(2634-33-5), 2-Octyl-2H-isothiazol-3-one(26530-20-1), Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one[EC no.247-5007] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6](55965-84-9). May produce an allergic reaction  
Security closing plug for children : Not applicable  
Tactile warning : Not applicable

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 2.3. Other hazards

No additional information available

## 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]
2-(8-methylnonyloxy)ethanol	(CAS-No.) 61827-42-7 (EC-No.) 612-519-5	1 - 10	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
subtilisin substance with national workplace exposure limit(s) (GB)	(CAS-No.) 9014-01-1 (EC-No.) 232-752-2 (EC Index-No.) 647-012-00-8 (REACH-no) 01-2119480434-38	< 0.1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334 STOT SE 3, H335 Aquatic Acute 1, H400
1,2-benzisothiazol-3(2H)-one	(CAS-No.) 2634-33-5 (EC-No.) 220-120-9 (EC Index-No.) 613-088-00-6	< 0.1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400
2-Octyl-2H-isothiazol-3-one	(CAS-No.) 26530-20-1 (EC-No.) 247-761-7 (EC Index-No.) 613-112-00-5	< 0.1	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one[EC no.247-5007] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6)	(CAS-No.) 55965-84-9 (EC-No.) 611-341-5 (EC Index-No.) 613-167-00-5	< 0.1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Inhalation:dust,mist), H331 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits
1,2-benzisothiazol-3(2H)-one	(CAS-No.) 2634-33-5 (EC-No.) 220-120-9 (EC Index-No.) 613-088-00-6	(C >= 0.05) Skin Sens. 1, H317
2-Octyl-2H-isothiazol-3-one	(CAS-No.) 26530-20-1 (EC-No.) 247-761-7 (EC Index-No.) 613-112-00-5	(C >= 0.05) Skin Sens. 1, H317
Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one[EC no.247-5007] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6)	(CAS-No.) 55965-84-9 (EC-No.) 611-341-5 (EC Index-No.) 613-167-00-5	(C >= 0.0015) Skin Sens. 1, H317 (0.06 =<C < 0.6) Eye Irrit. 2, H319 (0.06 =<C < 0.6) Skin Irrit. 2, H315 (C >= 0.6) Skin Corr. 1B, H314

Full text of H-statements: see section 16

## 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 cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
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	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after eye contact	: Eye irritation.

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

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

#### 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 : 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".

#### 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.

### 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 adequate ventilation. 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

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

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

subtilisin (9014-01-1)		
United Kingdom	Local name	Subtilisins (Bacillus subtilis Carlsberg)
United Kingdom	Remark (WEL)	Sen (Capable of causing occupational asthma. See paragraphs 53–56)

#### 8.2. Exposure controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### Personal protective equipment:

Avoid all unnecessary exposure. In case of splash hazard: safety glasses.

##### Hand protection:

In case of repeated or prolonged contact wear gloves

##### Eye protection:

Eye protection should only be necessary where liquid could be splashed or sprayed

##### Skin and body protection:

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Not required for normal conditions of use. Wear suitable protective clothing

### Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended



### 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
Colour	: milky. white.
Odour	: No data available
Odour threshold	: No data available
pH	: 6
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1.07
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 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

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

<b>subtilisin (9014-01-1)</b>	
LD50 oral	1800 mg/kg bodyweight
<b>1,2-benzisothiazol-3(2H)-one (2634-33-5)</b>	
LD50 oral	1020 mg/kg bodyweight
LD50 dermal	4115 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	100 mg/l
<b>2-Octyl-2H-isothiazol-3-one (26530-20-1)</b>	
LD50 oral	550 mg/kg bodyweight
LD50 dermal	690 mg/kg bodyweight
<b>Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one[EC no.247-5007] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (55965-84-9)</b>	
LD50 oral	59 mg/kg bodyweight
LD50 dermal	> 75 mg/kg bodyweight

Skin corrosion/irritation : Not classified  
pH: 6  
Serious eye damage/irritation : Causes serious eye irritation.  
pH: 6  
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

### 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.  
Acute aquatic toxicity : Not classified  
Chronic aquatic toxicity : Not classified

<b>subtilisin (9014-01-1)</b>	
LC50 fish 1	8.2 mg/l
EC50 other aquatic organisms 1	0.868 mg/l waterflea
<b>1,2-benzisothiazol-3(2H)-one (2634-33-5)</b>	
LC50 fish 1	2.18 mg/l
EC50 other aquatic organisms 1	2.94 mg/l waterflea
EC50 other aquatic organisms 2	0.11 mg/l
<b>2-Octyl-2H-isothiazol-3-one (26530-20-1)</b>	
LC50 fish 1	0.14 mg/l
EC50 other aquatic organisms 1	0.18 mg/l waterflea
<b>Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one[EC no.247-5007] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (55965-84-9)</b>	
LC50 fish 1	0.19 mg/l
EC50 other aquatic organisms 1	0.126 mg/l waterflea
EC50 other aquatic organisms 2	0.003 mg/l

#### 12.2. Persistence and degradability

No additional information available

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### 12.3. Bioaccumulative potential

<b>1,2-benzisothiazol-3(2H)-one (2634-33-5)</b>	
Log Pow	0.7
<b>2-Octyl-2H-isothiazol-3-one (26530-20-1)</b>	
Log Pow	2.9
<b>Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one[EC no.247-5007] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (55965-84-9)</b>	
Log Pow	0.4

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. 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.  
Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

### 14.6. Special precautions for user

#### - Overland transport

Not applicable

#### - Transport by sea

Not applicable

#### - Air transport

Not applicable

#### - Inland waterway transport

Not applicable

#### - Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

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3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	2-Octyl-2H-isothiazol-3-one - Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one[EC no.247-5007] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6]
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Dabitoff Carpet & Upholstery Spray - 2-(8-methylnonoxy)ethanol - 2-Octyl-2H-isothiazol-3-one - Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one[EC no.247-5007] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6]
3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	2-Octyl-2H-isothiazol-3-one - Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one[EC no.247-5007] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6]

Contains no substance on the REACH candidate list  $\geq 0,1$  % / SCL

Contains no REACH Annex XIV substances

Detergent Regulation : Ingredient data sheet:

Component	CAS-No.	%
AQUA	7732-18-5	$\geq 10\%$
2-(8-methylnonoxy)ethanol	61827-42-7	1 - 10%
Resaquest ECO		1 - 10%
POLYMETHACRYLIC ACID	25087-26-7	0.1 - 1%
Sodium xylenesulphonate	1300-72-7	0.1 - 1%
Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivs.	68412-69-1	0.1 - 1%
Phosphonic acid, perfluoro-C6-12-alkyl derivs.	68412-68-0	0.1 - 1%
Protease (Alkaline bacterial protease, Subtilisine)	9014-01-1	<0.1%
Amylase, alpha-	9000-90-2	<0.1%
perboric acid (HBO(O <sub>2</sub> )), sodium salt, tetrahydrate sodium peroxoborate hexahydrate, [containing $\geq 0.1$ % (w/w) of particles with an aerodynamic diameter of below 50 $\mu\text{m}$ ]	10486-00-7	<0.1%
2-Methyl-2H-isothiazol-3-one	2682-20-4	<0.1%
1,2-Benzisothiazol-3(2H)-one	2634-33-5	<0.1%
2-Octyl-2H-isothiazol-3-one	26530-20-1	<0.1%
Mixture of 2-methylisothiazolin-3-one and 5-chloro-2-methylisothiazolin-3-one	55965-84-9	<0.1%

Detergent Regulation : Labelling of contents:

Component	%
enzymes	
1,2-Benzisothiazol-3(2H)-one	
2-Octyl-2H-isothiazol-3-one	
Mixture of 2-methylisothiazolin-3-one and 5-chloro-2-methylisothiazolin-3-one	

### 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

Full text of H- and EUH-statements:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Resp. Sens. 1	Respiratory sensitisation, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation

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H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
EUH208	Contains . May produce an allergic reaction

SDS EU (REACH Annex II)

*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*