

# SAFETY DATA SHEET

## VMIX - FLOOR MAINTAINER

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

#### 1.1. Product identifier

Product name VMIX - FLOOR MAINTAINER

Product number V400

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

Identified uses Hard surface cleaner for Kitchens and Catering.

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

Supplier **SELDEN RESEARCH LIMITED**  
STADEN LANE  
BUXTON  
DERBYSHIRE  
SK17 9RZ  
UNITED KINGDOM

Tel. 01298 26226  
Fax. 01298 26540  
email safety@selden.co.uk

#### 1.4. Emergency telephone number

National emergency telephone number Mon to Fri 8.30am to 5.00pm - 01298 26226

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

##### Physical hazards

Not Classified

##### Health hazards

Skin Irrit. 2 - H315 Eye Dam. 1 - H318

##### Environmental hazards

Not Classified

##### Classification (67/548/EEC or 1999/45/EC)

Xi;R36. N;R50.

#### 2.2. Label elements

##### Pictogram



Signal word Danger

##### Hazard statements

H318 Causes serious eye damage.  
H315 Causes skin irritation.

##### Precautionary statements

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P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves, eye and face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### 2.3. Other hazards

No other hazards known. This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

|  |  |             |
|--|--|-------------|
| <b>ALCOHOL ETHOXYLATE</b>  |  | <b>1-5%</b> |
| CAS number: — EC number: —   |  |             |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Eye Dam. 1 - H318  | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>Xn;R22. Xi;R41.          |             |
| <b>Alkyl dimethyl benzyl ammonium chloride</b>   |  | <b>1-5%</b> |
| CAS number: 68424-85-1 EC number: 270-325-2<br>M factor (Acute) = 1  |  |             |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Acute Tox. 4 - H312<br>Skin Corr. 1B - H314<br>Eye Dam. 1 - H318<br>Aquatic Acute 1 - H400 | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>Xn;R21/22. C;R34. N;R50. |             |
| <b>Didecyldimethylammonium chloride</b>  |  | <b>1-5%</b> |
| CAS number: 7173-51-5 EC number: 230-525-2   |  |             |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Skin Corr. 1B - H314<br>Eye Dam. 1 - H318  | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>Xn;R22. C;R34. N;R50.    |             |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Inhalation

Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

#### Ingestion

Remove affected person from source of contamination. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention.

#### Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Rinse with water. Get medical attention if any discomfort continues.

#### Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least

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15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

#### **Inhalation**

Irritation of nose, throat and airway.

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

#### **Eye contact**

Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

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

#### **Notes for the doctor**

Treat symptomatically.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Extinguish with the following media:

Dry chemicals, sand, dolomite etc. Foam. Water spray.

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

#### **Hazardous combustion products**

Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### **5.3. Advice for firefighters**

#### **Protective actions during firefighting**

Use water to keep fire exposed containers cool and disperse vapours.

#### **Special protective equipment for firefighters**

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## **SECTION 6: Accidental release measures**

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

#### **Personal precautions**

For personal protection, see Section 8.

### **6.2. Environmental precautions**

#### **Environmental precautions**

Small spillages are of little concern and can be rinsed away to drain. Large spillages need to be contained to prevent entering water courses.

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

#### **Methods for cleaning up**

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water.

### **6.4. Reference to other sections**

#### **Reference to other sections**

For personal protection, see Section 8. For waste disposal, see Section 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

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### Usage precautions

Avoid spilling. Avoid contact with skin and eyes.

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

#### Storage precautions

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep only in the original container.

### 7.3. Specific end use(s)

#### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

#### Usage description

See product label for detailed usage and instructions.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### Ingredient comments

WEL = Workplace Exposure Limits

### 8.2. Exposure controls

#### Protective equipment



#### Eye/face protection

Tight-fitting safety glasses.

#### Hand protection

Nitrile gloves are recommended.

#### Other skin and body protection

General workwear only

## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Clear liquid.

#### Colour

Reddish.

#### Odour

Odourless.

#### pH

pH (concentrated solution): 9.5

#### Initial boiling point and range

>100°C @

#### Relative density

1.072 - 1.082 @ 20°C

#### Solubility(ies)

Soluble in water.

### 9.2. Other information

#### Other information

None.

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

May react with other cleaning chemicals. For specific reactions refer to Section 10.5

#### 10.2. Chemical stability

##### **Stability**

Stable at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

Not applicable.

#### 10.4. Conditions to avoid

Avoid contact with other chemicals.

#### 10.5. Incompatible materials

##### **Materials to avoid**

Do not mix or use with other products.

#### 10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### **Toxicological effects**

No toxicological data is available for this mixture, however data can be provided for specific raw materials upon request.

##### **Acute toxicity - oral**

###### **ATE oral (mg/kg)**

4,991.30445702

##### **Acute toxicity - dermal**

###### **ATE dermal (mg/kg)**

65684.21052632

##### **Ingestion**

Gastrointestinal symptoms, including upset stomach. Diarrhoea.

##### **Skin contact**

Liquid may irritate skin.

##### **Eye contact**

Irritating to eyes.

### SECTION 12: Ecological Information

#### **Ecotoxicity**

The product contains a substance which is very toxic to aquatic organisms.

#### 12.1. Toxicity

Aquatic toxicity has not been carried out on this product. Data for raw materials contained in this product, when available, can be provided when necessary.

#### 12.2. Persistence and degradability

##### **Persistence and degradability**

The surfactants contained within the product comply with the biodegradability criteria as laid down in Regulation (EC) No 648/2004.

#### 12.3. Bioaccumulative potential

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The product does not contain any substances expected to be bioaccumulating.

### 12.4. Mobility in soil

#### **Mobility**

The product contains substances, which are water soluble and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

None known.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

#### **Disposal methods**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## **SECTION 14: Transport information**

|                |   |
|----------------|---|
| <b>General</b> | Derogation for Limited Quantities may be applicable to appropriate pack sizes, please check relevant modal legislation. |
|----------------|---|

### 14.1. UN number

|                  |      |
|------------------|------|
| UN No. (ADR/RID) | 3082 |
| UN No. (IMDG)    | 3082 |
| UN No. (ICAO)    | 3082 |

### 14.2. UN proper shipping name

|                                |  |
|--------------------------------|--|
| Proper shipping name (ADR/RID) | CORROSIVE LIQUID, NOS (Sodium hydroxide) |
| Proper shipping name (IMDG)    | CORROSIVE LIQUID, NOS (Sodium hydroxide) |
| Proper shipping name (ICAO)    | CORROSIVE LIQUID, NOS (Sodium hydroxide) |
| Proper shipping name (ADN)     | CORROSIVE LIQUID, NOS (Sodium hydroxide) |

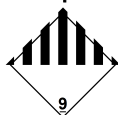
### 14.3. Transport hazard class(es)

Not applicable.

#### **ADR/RID class**

|                     |   |
|---------------------|---|
| IMDG class          | 9 |
| ICAO class/division | 9 |

#### **Transport labels**



### 14.4. Packing group

|                       |     |
|-----------------------|-----|
| ADR/RID packing group | III |
| IMDG packing group    | III |
| ICAO packing group    | III |

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

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Yes.

### 14.6. Special precautions for user

Hazard Identification Number 90  
(ADR/RID)

Tunnel restriction code (E)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## **SECTION 15: Regulatory information**

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

#### **National regulations**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health Regulations 2002 (as amended).

#### **EU legislation**

System of specific information relating to Dangerous Preparations. 2001/58/EC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

#### **Guidance**

Workplace Exposure Limits EH40. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131.

### 15.2. Chemical safety assessment

No chemical assessment has been carried out as this Safety Data Sheet is for a mixture.

## **SECTION 16: Other information**

#### **General information**

The following risk phrases relate to the raw materials in the product and not the product itself:-

#### **Revision comments**

Safety Data Sheet revised to be in accordance with EU Regulation No 453/2010 - REACH Regulations.

Revision date 18/02/2015

Revision 4

#### **Risk phrases in full**

R21/22 Harmful in contact with skin and if swallowed.

R34 Causes burns.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

R22 Harmful if swallowed.

R36 Irritating to eyes.

#### **Hazard statements in full**

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H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.