

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name **VMIX - FLOOR MAINTAINER**  
 Product No. **V400**

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

Identified uses **Floor cleaner**

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

Selden Research Limited	t : 01298 26226
Staden Lane	
Ashbourne Road	f : 01298 26540
Buxton	
Derbyshire	e : safety@selden.co.uk
SK17 9RZ	
United Kingdom	

### 1.4. Emergency telephone number

01298 26226

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification (67/548/EEC) Xi:R41.

### 2.2. Label elements

Detergent Labelling:

Contains	geraniol, (L) Hexyl Cinnamyl, Linalool, Butylphenyl methylpropional, citronellol, 5-chloro-2-methyl-2H-isothiazol-3-one, 2-methyl-2H-isothiazol-3-one, Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5 (1H,3H)-dione, 1,2-BENZISOTHIAZOL-3(2H)-ONE
Contains	geraniol, (L) Hexyl Cinnamyl, Linalool, Butylphenyl methylpropional, citronellol, 5-chloro-2-methyl-2H-isothiazol-3-one, 2-methyl-2H-isothiazol-3-one, Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5 (1H,3H)-dione, 1,2-BENZISOTHIAZOL-3(2H)-ONE
< 5%	perfumes
5 - < 15%	non-ionic surfactants

Labelling



Irritant (Xi)

Risk Phrases

R41 Risk of serious damage to eyes.

Safety Phrases

S25 Avoid contact with eyes.  
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S37/39 Wear suitable gloves and eye/face protection., P14 Contains citronellol. May produce an allergic reaction.  
 S2 Keep out of the reach of children.

### 2.3. Other hazards

No other hazards known

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not Applicable

### 3.2. Mixtures

Alcoholic Ethoxylate CAS-No.: 160901-19-9 Classification (EC 1272/2008) Acute toxicity, category 4 - Oral - H302 Serious eye damage, category 1 - H318	EEC (EINECS) No.	10-30% Classification (67/548/EEC) Xn;R22 Xi;R41
citronellol CAS-No.: 106-22-9 Classification (EC 1272/2008) Skin irritation, category 2 - H315 Hazardous to the aquatic environment, chronic, category 2 - H411 Hazardous to the aquatic environment, chronic, category 2 - H411 Skin sensitisation, categories 1, 1A, 1B - H317	EEC (EINECS) No. 203-375-0	<0.5% Classification (67/548/EEC) Xi;R38 N;R51/53 R43
Isotridecyl alcohol 15mol EO CAS-No.: Classification (EC 1272/2008) Skin irritation, category 2 - H315 Serious eye damage, category 1 - H318	EEC (EINECS) No.	1-5% Classification (67/548/EEC) Xi;R38,R41

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

#### General information

Inhalation	Move the exposed person to fresh air at once., Rinse nose and mouth with water., Get medical attention if any discomfort continues.
Ingestion	Remove victim immediately from source of exposure., DO NOT INDUCE VOMITING!, Rinse mouth thoroughly., Drink plenty of water., Get medical attention.
Skin contact	Remove affected person from source of contamination., Remove contaminated clothing., Rinse the skin immediately with lots of water., Continue to rinse for at least 15 minutes., Get medical attention if irritation persists after washing.
Eye contact	Important! Immediately rinse with water for at least 15 minutes., Hold eyelids apart., Get medical attention immediately. Continue to rinse.

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

Inhalation	May cause irritation to the respiratory system.
Ingestion	Liquid irritates mucous membranes and may cause abdominal pain if swallowed., Nausea, vomiting.
Skin contact	Irritating to skin., Prolonged or repeated exposure may cause severe irritation.
Eye contact	Risk of serious damage to eyes., Irritation of eyes and mucous membranes.

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

Treat Symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Extinguishing media	This product is not flammable., Use:, Dry chemicals, sand, dolomite etc., Foam., Water spray.
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### 5.2. Special hazards arising from the substance or mixture

Unsuitable extinguishing media

### 5.3. Advice for firefighters

Special Fire Fighting Procedures	Self contained breathing apparatus and full protective clothing must be worn in case of fire. Use water to keep fire exposed containers cool and disperse vapours.
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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

For personal protection, see section 8.

## 6.2. Environmental precautions

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

Wear necessary protective equipment., Absorb in vermiculite, dry sand or earth and place into containers., Flush with plenty of water to clean spillage area.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact.

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

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

### 7.3. Specific end use(s)

See product label for detailed usage and instructions.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Not applicable

### 8.2. Exposure controls

#### Protective equipment



#### Engineering measures

Provide adequate general and local exhaust ventilation.

#### Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

#### Hand protection

Protective gloves should be used if there is a risk of direct contact or splash.

#### Eye protection

Wear approved safety goggles.

#### Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Opaque, Liquid
Colour	Pink.
Odour	Perfume.
Relative density	1.000 - 1.010@20°C
pH-Value, Conc. Solution	9.5

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Stable under normal temperature conditions.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

None known

#### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

#### 10.5. Incompatible materials

Do not mix or use with other products.

#### 10.6. Hazardous decomposition products

Fire or high temperatures create: , 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 information	No toxicological data is available for this mixture, however data can be provided for specific raw materials upon request.
Inhalation	May cause irritation to the respiratory system.
Ingestion	Liquid irritates mucous membranes and may cause abdominal pain if swallowed. , Nausea, vomiting.
Skin contact	Irritating to skin. , Prolonged or repeated exposure may cause severe irritation.
Eye contact	Risk of serious damage to eyes. , Irritation of eyes and mucous membranes.

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

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

Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.
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#### 12.4. Mobility in soil

Mobility:	The product contains substances, which are water soluble and may spread in water systems.
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#### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or PvB substances

#### 12.6. Other adverse effects

None known

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

### SECTION 14: TRANSPORT INFORMATION

#### 14.1. UN number

#### 14.2. UN proper shipping name

Proper Shipping Name: Not applicable

14.3. Transport hazard class(es)

Transport Labels Not Applicable

14.4. Packing group

14.5. Environmental hazards

Environmentally Hazardous substance/Marine Pollutant No

14.6. Special precautions for user

Tunnel Restriction Code n/a

**SECTION 15: REGULATORY INFORMATION**

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

UK Regulatory References	The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.
Environmental Listing	Rivers (Prevention of Pollution) Act 1961., Control of Pollution (Special Waste Regulations) Act 1980.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716) ., Control of Substances Hazardous to Health.
Approved Code Of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance Notes	Workplace Exposure Limits EH40., CHIP for everyone HSG(108). 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments., 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.
EU Legislation	
National Regulations	The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007).

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 02/07/2013

Revision 2

Risk Phrases In Full R38 Irritating to skin., R41 Risk of serious damage to eyes.| R38 Irritating to skin., R43 May cause sensitisation by skin contact., R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.| R22 Harmful if swallowed., R41 Risk of serious damage to eyes.|

Hazard Statements In Full  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H411 Toxic to aquatic life with long lasting effects.