

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

1.1. Product identifier

Product name **VMIX - DAILY WASHROOM CLEANER**
 Product No. **V100**

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

Identified uses **Hard surface cleaner for washrooms**

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. R52/53.**

2.2. Label elements

Detergent Labelling:

Contains	d-LIMONENE,Hydroxymethylpentyl-cyclohexenecarbaldehyde,Hydroxycitronellal,(L) Hexyl Cinnamyl,benzyl salicylate,Linalool,Alpha-isomethyl ionone
< 5%	disinfectants
< 5%	perfumes
5 - < 15%	non-ionic surfactants

Labelling



Irritant (Xi)

Risk Phrases **R41 Risk of serious damage to eyes., R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**

Safety Phrases **S25 Avoid contact with eyes.
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S39 Wear eye/face protection., P14 Contains (L) Hexyl Cinnamyl,Hydroxycitronellal,Iso E Super. 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

ALCOHOL ETHOXYLATE CAS-No.: EEC (EINECS) No.	1-5%
Classification (EC 1272/2008) Skin irritation, category 2 - H315 Serious eye damage, category 1 - H318	Classification (67/548/EEC) Xi;R38,R41
ALCOHOL ETHOXYLATE SURFACTANT CAS-No.: EEC (EINECS) No.	5-10%
Classification (EC 1272/2008) Acute toxicity, category 4 - Oral - H302 Serious eye damage, category 1 - H318	Classification (67/548/EEC) Xn;R22 Xi;R41
Alkyl dimethyl benzyl ammonium chloride CAS-No.: 63449-41-2 EEC (EINECS) No. 273-544-1	0.5-1%
Classification (EC 1272/2008) Acute toxicity, category 4 - Dermal - H312 Acute toxicity, category 4 - Oral - H302 Skin corrosion, categories 1A, 1B, 1C - H314 Hazardous to the aquatic environment, acute, category 1 - H400	Classification (67/548/EEC) Xn;R21/22 C;R34 N;R50
Citric Acid CAS-No.: 77-92-9 EEC (EINECS) No.	1-5%
Classification (EC 1272/2008) Eye irritation, category 2 - H319 Skin irritation, category 2 - H315	Classification (67/548/EEC) Xi;R36/38
Ethylene brassylate CAS-No.: 105-95-3 EEC (EINECS) No. 203-347-8	<0.5%
Classification (EC 1272/2008) Hazardous to the aquatic environment, chronic, category 2 - H411 Hazardous to the aquatic environment, chronic, category 2 - H411	Classification (67/548/EEC) N;R51/53
hexyl 2-hydroxybenzoate CAS-No.: 6259-76-3 EEC (EINECS) No. 228-408-6	<0.5%
Classification (EC 1272/2008) Skin irritation, category 2 - H315 Hazardous to the aquatic environment, acute, category 1 - H400 Hazardous to the aquatic environment, chronic, category 2 - H411	Classification (67/548/EEC) Xi;R38 N;R50/53
Iso E Super CAS-No.: 54464-57-2 EEC (EINECS) No. 259-174-3	<0.5%
Classification (EC 1272/2008) 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	Classification (67/548/EEC) N;R51/53 R43
LACTIC ACID 100% CAS-No.: 50-21-5 EEC (EINECS) No. 201-196-2	1-5%
Classification (EC 1272/2008) Eye irritation, category 2 - H319 Skin irritation, category 2 - H315 Serious eye damage, category 1 - H318	Classification (67/548/EEC) Xi;R36/38,R41
N,N-dimethyltetradecylamine N-oxide CAS-No.: 3332-27-2 EEC (EINECS) No. 222-059-3	1-5%
Classification (EC 1272/2008) Acute toxicity, category 4 - Oral - H302 Skin irritation, category 2 - H315 Serious eye damage, category 1 - H318 Hazardous to the aquatic environment, acute, category 1 - H400	Classification (67/548/EEC) Xn;R22 Xi;R38,R41 N;R50
SULPHAMIC ACID CAS-No.: 5329-14-6 EEC (EINECS) No. 226-218-8	1-5%
Classification (EC 1272/2008) Eye irritation, category 2 - H319 Skin irritation, category 2 - H315 Hazardous to the aquatic environment, chronic, category 3 - H412 Hazardous to the aquatic environment, chronic, category 2 - H411	Classification (67/548/EEC) Xi;R36/38 R52/53

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.
---------------------	--

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.
----------------------------------	--

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



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

General workwear only

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Red.
Odour	floral
Relative density	1.031 - 1.041 @20°C
pH-Value, Conc. Solution	2.5

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 (CO₂)., 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

Not classed as Hazardous to the Environment but release to the environment should be avoided.

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.

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 3

Risk Phrases In Full

R36/38 Irritating to eyes and skin., R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. | R34 Causes burns., R50 Very toxic to aquatic organisms., R21/22 Harmful in contact with skin and if swallowed. | R22 Harmful if swallowed., R41 Risk of serious damage to eyes. | R38 Irritating to skin., R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. | R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment., R43 May cause sensitisation by skin contact. | R38 Irritating to skin., R41 Risk of serious damage to eyes. | R36/38 Irritating to eyes and skin., R41 Risk of serious damage to eyes. | R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. | R36/38 Irritating to eyes and skin. | R22 Harmful if swallowed., R38 Irritating to skin., R41 Risk of serious damage to eyes., R50 Very toxic to aquatic organisms. | R22 Harmful if swallowed., R34 Causes burns., R50 Very toxic to aquatic organisms. |

Hazard Statements In Full

H302 Harmful if swallowed.
H312 Harmful 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.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.