

SAFETY DATA SHEET

VMIX - LOW FOAM FLOOR CLEANER

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

1.1. Product identifier

Product name VMIX - LOW FOAM FLOOR CLEANER

Product number V300

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

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 Irrit. 2 - H319

Environmental hazards

Not Classified

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

Xi;R41.

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye 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.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

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

ALKYL GLUCOSIDE CAS number: 68515-73-1 EC number: —		1-5%
Classification Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xi;R41.	
N,N-dimethyltetradecylamine N-oxide CAS number: 3332-27-2 EC number: 222-059-3 M factor (Acute) = 1		1-5%
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Classification (67/548/EEC or 1999/45/EC) Xn;R22. Xi;R38,R41. N;R50.	
2-AMINOETHANOL CAS number: 141-43-5 EC number: 205-483-3		1-5%
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Corr. 1B - H314 STOT SE 3 - H335	Classification (67/548/EEC or 1999/45/EC) C;R34 Xn;R20/21/22	
ALCOHOL ETHOXYLATE CAS number: — EC number: —		1-5%
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xn;R22. Xi;R41.	

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Sodium alkyl benzene sulphonate

1-5%

CAS number: 85117-50-6 EC number: 285-600-2

Classification

Acute Tox. 4 - H302

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

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

Xn;R22. 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

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 immediately with plenty 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. Remove any contact lenses and open eyelids wide apart. Get medical attention immediately. Continue to rinse.

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

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Ingestion

May cause stomach pain or vomiting.

Skin contact

Prolonged skin contact may cause redness and irritation.

Eye contact

Risk of serious damage to eyes.

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. 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.

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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

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. 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

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

2-AMINOETHANOL

Long-term exposure limit (8-hour TWA): WEL 1 ppm(Sk) 2.5 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 3 ppm(Sk) 7.6 mg/m³(Sk)

WEL = Workplace Exposure Limit

Ingredient comments

WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment



Eye/face protection

The following protection should be worn: Tight-fitting safety glasses.

Hand protection

Nitrile gloves are recommended.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

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SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Liquid

Colour

Green.

Odour

Fresh bouquet fragrance

pH

pH (concentrated solution): 10.0 - 11.0

Initial boiling point and range

> 100°C @

Flash point

N/A°C

Relative density

1.067 - 1.077 @ °C

Solubility(ies)

Completely soluble in water

9.2. Other information

Other information

None.

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 known.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

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 (CO₂). 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)**

7,746.53342629

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Acute toxicity - dermal

ATE dermal (mg/kg)

62041.73716864

Acute toxicity - inhalation

ATE inhalation (vapours mg/l)

620.41737169

Inhalation

May cause respiratory system irritation.

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

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 product is biodegradable.

12.3. Bioaccumulative potential

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

Road transport notes Not classified.

Sea transport notes Not classified.

Air transport notes Not classified.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

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14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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 17/04/2015

Revision 3

SDS number 21246

Risk phrases in full

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R38 Irritating to skin.
R50 Very toxic to aquatic organisms.
R41 Risk of serious damage to eyes.
R37 Irritating to respiratory system.
R22 Harmful if swallowed.
R34 Causes burns.

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.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.