

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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Versatile

Revision 0
Revision date 2016-02-25

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

Product name	Versatile
Product code	V003

1.1. Product identifier

1.3. Details of the supplier of the safety data sheet

Company Address	Cleaning Supplies 2U Ltd. Unit 4, Pineapple Park Road One, Winsford Industrial Estate, Winsford, Cheshire CW7 3PR
Web	
Telephone	+44 (0) 1606 863637
Email	info@cleaningsupplies2u.co.uk

1.4. Emergency telephone number

Emergency telephone number	+44 (0) 1606 863637
Company	Cleaning Supplies 2U Ltd. 9am to 5pm

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	Xi; R38-41 Symbols: Xi: Irritant.
Main hazards	Irritating to skin. Risk of serious damage to eyes.
2.1.2. Classification - EC 1272/2008	Skin Corr. 1B: H314;

2.2. Label elements

Hazard pictograms



Signal Word

Danger

Hazard Statement

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

Precautionary Statement: Prevention

**P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash thoroughly after handling.**

Precautionary Statement: Response

**P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.**

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2.2. Label elements

Precautionary Statement: Storage Precautionary Statement: Disposal	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor/ . P321 - Specific treatment (see on this label). P363 - Wash contaminated clothing before reuse.
	P405 - Store locked up.
	P501 - Dispose of contents/container to

2.3. Other hazards

Other hazards	No further hazards known.
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Sodium Metasilicate		10213-79-3	229-912-9		1 - 10%	C; R34 Xi; R37	
Ethylene glycol monobutyl ether	603-014-00-0	111-76-2	203-905-0		1 - 10%	Xn; R20/21/22 Xi; R36/38	
Trisodium nitrilotriacetate solution		5064-31-3	225-768-6		1 - 10%	Xi; R36	
Alcohol Ethoxylate		68439-45-2			1 - 10%	Xn; R22 Xi; R41	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Sodium Metasilicate		10213-79-3	229-912-9		1 - 10%	Met. Corr. 1: H290; Skin Corr 1B: H314; STOT SE 3: H335;	
Ethylene glycol monobutyl ether	603-014-00-0	111-76-2	203-905-0		1 - 10%	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;	
Trisodium nitrilotriacetate solution		5064-31-3	225-768-6		1 - 10%	Acute Tox. 4: H302; Eye Irrit. 2: H319; Carc. 2: H351;	
Alcohol Ethoxylate		68439-45-2			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention.
Eye contact	Causes severe inflammation and may damage the cornea. Seek medical attention.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

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

Inhalation	May cause irritation to the mucous membranes.
Eye contact	Causes severe eye damage.
Skin contact	Causes severe skin burns.
Ingestion	Can cause gastric and/or intestinal disorders.

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

	Treat symptomatically. If ever unsure, seek medical attention/advice immediately.
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SECTION 5: Firefighting measures

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5.1. Extinguishing media

Non-combustible.

5.2. Special hazards arising from the substance or mixture

Corrosive. Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to a safe area. Wear suitable protective equipment.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

See section 7 for handling information. See section 8 for personal protection information. See section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

7.3. Specific end use(s)

See Section 1.2.

Suitable packaging

Plastic containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Ethylene glycol monobutyl ether	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m ³ : 123
	WEL 15 min limit ppm: 50	WEL 15 min limit mg/m ³ : WEL 101.2
	WEL 8-hr limit mg/m ³ total - inhalable dust:	15 min limit mg/m ³ total - inhalable dust:
	WEL 8-hr limit mg/m ³ total - respirable dust:	WEL 15 min limit mg/m ³ total - respirable dust:

8.2. Exposure controls

8.2.2. Individual protection measures

Wear protective clothing.

Eye / face protection

Approved safety goggles.

Skin protection -
Handprotection

Chemical resistant gloves (PVC).

Skin protection - Other

Wear chemical resistant clothing and boots.

Respiratory protection

Not normally required.

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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	Liquid
Colour	Amber
Odour	Fruity
Odour threshold	No data available
pH	6.5 - 7.5
Initial boiling point	> 100 °C
Melting point	< 0 °C
Flash point	Not applicable.
Evaporation rate	Not determined
Flammability (solid, gas)	Not applicable.
Autoignition temperature	Not applicable.
Vapour pressure	No data available
Relative density	1.05
Vapour density	No data available
Upper Explosive Limit	Not applicable.
Lower Explosive Limit	Not applicable.
Partition coefficient (n-octanol/water)	No data available
Explosive properties	Not applicable.
Oxidising properties	No data available
Viscosity	No data available
Decomposition temperature	No data available

SECTION 10: Stability and reactivity**10.1. Reactivity**

Corrosive action on metals. Reacts with oxidising agents/alkalis.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Alkaline solution. Amines. Finely powdered metals. Strong bases. May cause corrosion or discolouration of some metals.

10.4. Conditions to avoid

Avoid extremes of temperature.

10.5. Incompatible materials

Alkaline solutions. Amines. Strong bases. May cause corrosion or discolouration of some metals.

10.6. Hazardous decomposition products

Phosphorous oxides e.g. (P2O5).

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Skin corrosion/irritation	Causes burns.
Serious eye damage/irritation	Strong corrosive effect.
Respiratory or skin sensitisation	Classified as skin corrosive, no sensitisation tests required.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No reproductive toxicity effects reported.

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11.1. Information on toxicological effects

STOT-single exposure	No target organ toxicity effects reported.
STOT-repeated exposure	No target organ toxicity effects reported.
Aspiration hazard	No aspiration hazards reported.

11.1.4. Toxicological Information

Alcohol Ethoxylate	Oral Rat LD50: >200-<2000mg/kg	
Ethylene glycol monobutyl ether	Oral Rat LD50: 1480ml/kg	Dermal Rabbit LD50: 400mg/kg
Sodium Metasilicate	Dermal Rat LD50: >5000 Inhalation Rat LC50/4 h: >2.06	Oral Rat LD50: 1152
Trisodium nitrilotriacetate solution	Oral Rat LD50: >2000	

SECTION 12: Ecological information

12.1. Toxicity

Alcohol Ethoxylate	Daphnia EC50/48h: 1.000000 mg/l	
Sodium Metasilicate	Daphnia EC50/48h: 1700.000000 mg/l	Fish LC50/96h: 210.000000 mg/l
	Product will decrease the pH of the effluent. (acidic).	

12.2. Persistence and degradability

	Inorganic based compound: therefore no biodegradation tests are applicable.
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12.3. Bioaccumulative potential

	Does not accumulate in organisms.
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Partition coefficient

	Sodium Metasilicate No data available
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12.4. Mobility in soil

	This substance is highly soluble and dissociating.
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12.5. Results of PBT and vPvB assessment

	No assessment is needed for inorganic compounds.
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12.6. Other adverse effects

	Do not allow large quantities to enter waterways, sewage system or ground water.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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Disposal methods

	Dispose of in compliance with all local and national regulations.
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Disposal of packaging

	Empty containers can be cleaned with water.
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Further information

	Do not empty into drains/sewage system.
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SECTION 14: Transport information

Hazard pictograms

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Hazard pictograms



14.1. UN number

UN3264

14.2. UN proper shipping name

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Sodium Metasilicate)

14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-

14.4. Packing group

Packing group	III
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14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	80
Tunnel Category	(E)

IMDG

EmS Code	F-A S-B
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IATA

Packing Instruction (Cargo)	856
Maximum quantity	60 L
Packing Instruction (Passenger)	852
Maximum quantity	5 L

SECTION 15: Regulatory information

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

Regulations	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.
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15.2. Chemical safety assessment

	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
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SECTION 16: Other information

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Other information

Text of risk phrases in Section 3	<p>R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.</p> <p>R22 - Harmful if swallowed.</p> <p>R34 - Causes burns.</p> <p>R36/38 - Irritating to eyes and skin.</p> <p>R36 - Irritating to eyes.</p> <p>R37 - Irritating to respiratory system.</p> <p>R41 - Risk of serious damage to eyes.</p>
Text of Hazard Statements in Section 3	<p>Met. Corr. 1: H290 - May be corrosive to metals.</p> <p>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.</p> <p>STOT SE 3: H335 - May cause respiratory irritation.</p> <p>Acute Tox. 4: H302 - Harmful if swallowed.</p> <p>Acute Tox. 4: H312 - Harmful in contact with skin.</p> <p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>Acute Tox. 4: H332 - Harmful if inhaled.</p> <p>Carc. 2: H351 - Suspected of causing cancer .</p> <p>Eye Dam. 1: H318 - Causes serious eye damage.</p>

Further information

	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.</p>
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