Vaatwas 2100 Winner Ease ZW

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 1/20/2015 Revision date: 1/20/2015 Supersedes: 1/5/2014 Version: 2.0

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

1.1. Product identifier

Product name : Vaatwas 2100 Winner Ease ZW

Product code : 616

Type of product : Detergent

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

1.2.1. Relevant identified uses

Main use category : Professional use

Function or use category : Cleaning/washing agents and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Exclusiva B.V.
Schaafstraat 21
1021 KD Amsterdam - Nederland
T +31 (0)88 4356666
info@exclusiva.nl

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
	NVIC / National Poisons Information Centre Uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen / Only for the purpose of informing medical personell in cases of acute intoxications	P.O. Box 1 3720 BA Bilthoven	+31 30 274 88 88	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Met. Corr. 1 H290

Skin Corr. 1A H314

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :

GHS05

Signal word (CLP) : Danger

Hazardous ingredients : Potassium hydroxide

Hazard statements (CLP) : H290 - May be corrosive to metals.
H314 - Causes severe skin burns and eye damage.

Precautionary statements (CLP) : P280 - Wear protective gloves, protective clothing, eye 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.
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 doctor.
P390 - Absorb spillage to prevent material damage.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Potassium hydroxide	(CAS-No.) 1310-58-3 (EC-No.) 215-181-3 (EC Index-No.) 019-002-00-8 (REACH-no) 01-2119487136-33	5 - 15	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314
Disodium metasilicate	(CAS-No.) 10213-79-3 (EC-No.) 229-912-9 (EC Index-No.) 014-010-00-8 (REACH-no) 01-2119449811-37	1 - 5	Met. Corr. 1, H290 Skin Corr. 1B, H314 STOT SE 3, H335
Sodium hypochlorite, solution	(CAS-No.) 7681-52-9 (EC-No.) 231-668-3 (EC Index-No.) 017-011-00-1 (REACH-no) 01-2119488154-34	1 - 5	Skin Corr. 1B, H314 STOT SE 3, H335 Aquatic Acute 1, H400

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Potassium hydroxide	(CAS-No.) 1310-58-3 (EC-No.) 215-181-3 (EC Index-No.) 019-002-00-8 (REACH-no) 01-2119487136-33	(0.5 =<C < 2) Eye Irrit. 2, H319 (0.5 =<C < 2) Skin Irrit. 2, H315 (2 =<C < 5) Skin Corr. 1B, H314 (5 =<C < 100) Skin Corr. 1A, H314
Sodium hypochlorite, solution	(CAS-No.) 7681-52-9 (EC-No.) 231-668-3 (EC Index-No.) 017-011-00-1 (REACH-no) 01-2119488154-34	(5 =<C < 100) EUH031

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person.

First-aid measures after inhalation : In case of accident by inhalation : remove casualty to fresh air and keep at rest.

First-aid measures after skin contact : Remove immediately contaminated clothing. Rinse and then wash skin thoroughly with water and soap. Get immediate medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth with water, do not induce vomiting, call a doctor.

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

Symptoms/effects : Causes severe skin burns and eye damage.

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

In all cases of doubt, or when symptoms persist, seek medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam, powder, carbon dioxide (CO2), water spray.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Aqueous liquid. Does not present any particular risk in the event of a fire.

5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable protective clothing, gloves and eye/face protection.

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing, gloves and eye/face protection.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Clean up any spills as soon as possible, using an absorbent material to collect it.

Methods for cleaning up : Wash away remainder with plenty of water.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Use personal protective equipment as required.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container. Keep away from heat and direct sunlight.

Incompatible products : Strong acids.

Storage temperature : > 10 °C

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protective equipment:

Gloves (EN374). Protective clothing. Protective goggles (EN166).

Hand protection:
Nitrile rubber gloves, thickness ≥ 0,38 mm (recommended), breakthrough time > 360 min (EN374)

Eye protection:
Protective goggles (EN166)

Skin and body protection:
Corrosionproof clothing. Long sleeved protective clothing (EN 14605)

Respiratory protection:
Not necessary with sufficient ventilation

Personal protective equipment symbol(s):

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Colourless.

Odour : Characteristic.

Odour threshold : No data available

pH : ± 13.5

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Flash point : > 100 °C

Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: ± 1.23 g/ml
Solubility	: Miscible with water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity
10.1. Reactivity
No reactivity hazard other than the effects described in sub-sections below.
10.2. Chemical stability
Stable in use and storage conditions as recommended in item 7.
10.3. Possibility of hazardous reactions
Reacts with (strong) acids.
10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures.
10.5. Incompatible materials
Strong acids. May be corrosive to metals.
10.6. Hazardous decomposition products
No additional information available

SECTION 11: Toxicological information
11.1. Information on toxicological effects
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Sodium hypochlorite, solution (7681-52-9)	
LD50 oral rat	> 2000 mg/kg
LD50 oral	8910 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg
LD50 dermal	> 20000 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 10500 mg/l

Potassium hydroxide (1310-58-3)	
LD50 oral rat	333 mg/kg
LD50 oral	333 mg/kg bodyweight

Disodium metasilicate (10213-79-3)	
LD50 oral	> 662 mg/kg bodyweight

Skin corrosion/irritation	: Causes severe skin burns and eye damage. pH: ± 13.5
Serious eye damage/irritation	: Serious eye damage, category 1, implicit pH: ± 13.5
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

Sodium hypochlorite, solution (7681-52-9)	
LC50 fish 1	0.22 - 0.62 mg/kg
EC50 Daphnia 1	0.141 mg/l
EC50 other aquatic organisms 1	0.141 mg/l waterflea

Potassium hydroxide (1310-58-3)	
LC50 fish 1	80 mg/l

Disodium metasilicate (10213-79-3)	
LC50 fish 1	210 mg/l

12.2. Persistence and degradability

Vaatwas 2100 Winner Ease ZW	
Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Sodium hypochlorite, solution (7681-52-9)	
Log Pow	-3.42

Potassium hydroxide (1310-58-3)	
Log Pow	0.75

Disodium metasilicate (10213-79-3)	
Log Pow	-5.65

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Component	
Sodium hypochlorite, solution (7681-52-9)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Wash away remainder with plenty of water. This material and its container must be disposed of in a safe way, and as per local legislation.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR)	: UN 1719
UN-No. (IMDG)	: UN 1719
UN-No. (IATA)	: UN 1719

UN-No. (ADN)	: UN 1719
UN-No. (RID)	: UN 1719

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: CAUSTIC ALKALI LIQUID, N.O.S.
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
Transport document description (ADR)	: UN 1719 CAUSTIC ALKALI LIQUID, N.O.S. (Disodium metasilicate ; Potassium hydroxide), 8, II, (E)
Transport document description (IMDG)	: UN 1719 , 8
Transport document description (IATA)	: UN 1719 , 8
Transport document description (ADN)	: UN 1719 , 8
Transport document description (RID)	: UN 1719 , 8

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)	: 8
Danger labels (ADR)	: 8

:

IMDG

Transport hazard class(es) (IMDG)	: 8

IATA

Transport hazard class(es) (IATA)	: 8

ADN

Transport hazard class(es) (ADN)	: 8

RID

Transport hazard class(es) (RID)	: 8
Danger labels (RID)	: 8

:

14.4. Packing group

Packing group (ADR)	: II
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

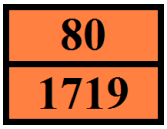
14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: C5
Special provisions (ADR)	: 274
Limited quantities (ADR)	: 1l
Excepted quantities (ADR)	: E2
Packing instructions (ADR)	: P001, IBC02
Mixed packing provisions (ADR)	: MP15
Portable tank and bulk container instructions (ADR)	: T11

Portable tank and bulk container special provisions (ADR)	: TP2, TP27
Tank code (ADR)	: L4BN
Vehicle for tank carriage	: AT
Transport category (ADR)	: 2
Hazard identification number (Kemler No.)	: 80
Orange plates	: 
Tunnel restriction code (ADR)	: E

Transport by sea

No data available

Air transport

No data available

Inland waterway transport

No data available

Rail transport

No data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.
Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

Detergent Regulation : Labelling of contents:	
Component	**%**
phosphates	5-15%
chlorine-based bleaching agents	<5%

15.1.2. National regulations

Netherlands

SZW-lijst van kankerverwekkende stoffen	: None of the components are listed
SZW-lijst van mutagene stoffen	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	: None of the components are listed

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1

EUH031	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Met. Corr. 1	H290	Calculation method
Skin Corr. 1A	H314	On basis of test data

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product