



SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

VAX Ultra+

Version 1.0

Revision Date: 01/12/2022

1) IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING

Product information

Trade name: Vax Ultra+

Other names / Synonyms: Vax Ultra+ Pet

Product No: Vax022, Vax023

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

Relevant identified uses of the substance or mixture: Cleaning product

Product code (A.I.S.E.):

CODE
AISE-C11 / Carpet Cleaners (spray, liquid) for consumer use

Use Descriptors (REACH):

Product Category	Description
PC35	Washing and Cleaning products (including solvent based products)

Uses advised against:

Process Category	Description
	Uses other than those identified are not recommended

Use of the Substance/Preparation: PC35: Washing and cleaning products (including solvent based products)

Company: Vax Ltd
Artillery House
Heritage Way
Droitwich
WR9 8YB

SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Telephone No: +44 1905 795959

2) HAZARDS IDENTIFICATION**2.1) Classification of the substance or mixture**

Not classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.2) Label elements -Labelling (REGULATION (EC) No 1272/2008)

Label elements:



Hazard Pictogram(s):

Signal Words:

Warning

Hazard Statements:

Causes serious eye irritation. (H319)

Safety statement(s):

General:

If medical advice is needed, have product container or label at hand. (P101)
Keep out of reach of children. (P102)
Read label before use. (P103)

Prevention:

Wash hands thoroughly after handling. (P264)
Wear eye protection. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
If eye irritation persists: Get medical advice/attention. (P337+P313)

Storage:

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Disposal:

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Hazardous substances:

None known.

SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Additional labelling: Not applicable

2.3) Other hazards

Additional warnings: This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

3) COMPOSITION/INFORMATION ON INGREDIENTS

3.1) Substances

Not applicable. This product is a mixture

3.2) Mixtures

Product/Substance	Identifiers	%w/w	Classification	Note
Sodium (xylenes and 4-ethylbenzene)sulfonates	CAS No.: EC No.: 701-037-1 UK-REACH: Index No.:	3-5%	Eye Irrit. 2, H319	
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	CAS No.: 68411-30-3 EC No.: 270-115-0 UK-REACH: Index No.:	1-3%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	
2-(2-butoxyethoxy)ethanol;diethylene glycol monobutyl ether	CAS No.: 112-34-5 EC No.: 203-961-6 UK-REACH: Index No.: 603-096-00-8	<1%	Eye Irrit. 2, H319	[1], [3]
trisodium nitrilotriacetate	CAS No.: 5064-31-3	<1%	Acute Tox. 4, H302 Eye Irrit. 2, H319	

SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

	EC No.: 225-768-6 UK-REACH: Index No.: 607-620-00-6		Carc. 2, H351	
1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one	CAS No.: 2634-33-5 EC No.: 220-120-9 UK-REACH: Index No.: 613-088-00-6	<0.05%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10)	
2-methylisothiazol-3(2H)-one	CAS No.: 2682-20-4 EC No.: 220-239-6 UK-REACH: Index No.: 613-326-00-9	<0.0001%	EUH071 Acute Tox. 3, H301 Acute Tox. 3, H311 Skin Corr. 1B, H314 Skin Sens. 1A, H317 Acute Tox. 2, H330 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[1] European occupational exposure limit.

[3] According to UK REACH, Annex XVII, the substance is subject to restrictions.

Labelling of contents according to Detergents Regulation (EC) No 648/2004

5% - 15%

- Anionic surfactants

< 5%

- Non-ionic surfactants

- Perfumes

- Preservation agent (BENZISOTHIAZOLINONE)

- Preservation agent (METHYLISOTHIAZOLINONE)

4) FIRST AID MEASURES

4.1) Description of first aid measures

General information:

In the case of accident: Contact a doctor or

SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

casualty department – take the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist.
Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact:

Upon irritation of the eye: Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 5 minutes and continue until irritation stops. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

Ingestion:

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns:

Not applicable.

SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics:

Bring this safety data sheet or the label from this product.

5) FIRE-FIGHTING MEASURES

5.1) Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist. Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2) Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire extinguishing water to enter the sewage system and nearby surface waters. If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Sulphur oxides

Carbon oxides (CO / CO₂)

Some metal oxides

5.3) Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

6) ACCIDENTAL RELEASE MEASURES

6.1) Personal precautions, protective equipment and emergency procedures

No Specific Requirements

6.2) Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3) Methods and materials for containment and cleaning up

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4) Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

7) HANDLING AND STORAGE

7.1) Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2) Conditions for safe storage, including incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:

Keep only in original packaging.

Storage temperature:

Dry, cool and well ventilated

Incompatible materials:

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

7.3) Specific end use(s)

This product should only be used for applications quoted in section 1.2

8) EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

2-(2-butoxyethoxy)ethanol;diethylene glycol monobutyl ether

No substances are listed in the national list of substances with an occupational exposure limit.

DNEL

1,2-benzisothiazil-3(2H)-one;1,2-benzisothiazolin-3-one

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	345 µg/kgbw/day
Long term – Systemic effects - Workers	Dermal	966 µg/kgbw/day
Long term – Systemic effects - General population	Inhalation	1.2 mg/m ³
Long term – Systemic effects - Workers	Inhalation	6.81 mg/m ³

2-methylisothiazol-3(2H)-one

Duration	Route of exposure	DNEL
Long term – Local effects - General population	Inhalation	21 µg/m ³
Long term – Local effects - Workers	Inhalation	21 µg/m ³
Short term – Local effects - General population	Inhalation	43 µg/m ³
Short term – Local effects - Workers	Inhalation	43 µg/m ³
Long term – Systemic effects - General population	Oral	27 µg/kgbw/day
Short term – Systemic effects - General population	Oral	53 µg/kgbw/day

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	42.5 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	119 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	1.3 mg/m ³
Long term – Systemic effects - Workers	Inhalation	7.6 mg/m ³
Long term – Systemic effects - General population	Oral	425 µg/kgbw/day

SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

trisodium nitrilotriacetate

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Inhalation	800 µg/m ³
Long term – Systemic effects - Workers	Inhalation	3.2 mg/m ³
Short term – Systemic effects - General population	Inhalation	1.75 mg/m ³
Short term – Systemic effects - Workers	Inhalation	5.25 mg/m ³
Long term – Systemic effects - General population	Oral	300 µg/kgbw/day
Short term – Systemic effects - General population	Oral	500 µg/kgbw/day

PNEC

1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one

Route of exposure	Duration of exposure	PNEC
Freshwater		4.03 µg/L
Freshwater sediment		49.9 µg/kg
Intermittent release (freshwater)		1.1 µg/L
Intermittent release (marine water)		110 ng/L
Marine water		403 ng/L
Marine water sediment		4.99 µg/kg
Sewage treatment plant		1.03 mg/L
Soil		3 mg/kg

2-methylisothiazol-3(2H)-one

Route of exposure	Duration of exposure	PNEC
Freshwater		3.39 µg/L
Intermittent release (freshwater)		3.39 µg/L
Intermittent release (marine water)		3.39 µg/L
Marine water		3.39 µg/L
Sewage treatment plant		230 µg/L
Soil		47.1 µg/kg

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Route of exposure	Duration of exposure	PNEC
Freshwater		268 µg/L
Freshwater sediment		8.1 mg/kg
Intermittent release (freshwater)		16.7 µg/L
Marine water		26.8 µg/L
Marine water sediment		6.8 mg/kg
Sewage treatment plant		3.43 mg/L
Soil		35 mg/kg

SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Route of exposure	Duration of exposure	PNEC
Freshwater		930 µg/L
Freshwater sediment		3.64 mg/kg
Intermittent release (freshwater)		800-915 µg/L
Intermittent release (marine water)		80 µg/L
Marine water		93 µg/L
Marine water sediment		364 µg/kg
Predators		200 µg/kg
Sewage treatment plant		270-540 mg/L
Soil		182 µg/kg

8.2) Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations: Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios: There are no exposure scenarios implemented for this product.

Exposure limits: Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures: Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures: In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure: No Specific requirements

8.3. Individual protection measures, such as personal protective equipment

Generally: Use only UKCA marked protective equipment.

SAFETY DATA SHEET


According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Respiratory Equipment:
No specific requirements

Skin protection:
No specific requirements

Hand protection:
No specific requirements

Eye protection:

Type	Standards	
Safety glasses	EN166	

9) PHYSICAL AND CHEMICAL PROPERTIES

9.1) Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Colourless
Odour / Odour threshold:	Pleasant
pH:	7.5 – 8.0
Density (g/cm ³):	1.01
Kinematic viscosity:	Testing not relevant or not possible due to the nature of the product.
Particle characteristics:	Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):	Testing not relevant or not possible due to the nature of the product.
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SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Softening point/range (waxes and pastes) (°C): Does not apply to liquids.

Boiling point (°C): Testing not relevant or not possible due to the nature of the product.

Vapour pressure: Testing not relevant or not possible due to the nature of the product.

Relative vapour density: Testing not relevant or not possible due to the nature of the product.

Decomposition temperature (°C): Testing not relevant or not possible due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C): Testing not relevant or not possible due to the nature of the product.

Auto-Ignition (°C): Testing not relevant or not possible due to the nature of the product.

Flammability (°C): Testing not relevant or not possible due to the nature of the product.

Lower and upper explosion limit (% v/v): Testing not relevant or not possible due to the nature of the product.

Solubility

Solubility in water: Completely soluble

n-octanol/water coefficient: Testing not relevant or not possible due to the nature of the product.

Solubility in fat (g/L): Testing not relevant or not possible due to the nature of the product.

9.2) Other information

Other physical and chemical parameters: No data available.

SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

10) STABILITY AND REACTIVITY

10.1) Reactivity

No Data available

10.2) Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3) Possibility of hazardous reactions

None Known

10.4) Conditions to avoid

None Known

10.5) Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6) Hazardous decomposition products

The product is not degraded when used as specified in section 1.

11) TOXICOLOGICAL INFORMATION

11.1) Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Respiratory sensitisation

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Endocrine disrupting properties

None known.

Other information

None Known

12) ECOLOGICAL INFORMATION

12.1) Toxicity

No data available.

SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

12.2) Persistence and degradability

No data available

12.3) Bio accumulative potential

No data available

12.4) Mobility in soil

No data available

12.5) Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6)

None known

12.7)

None known

13) DISPOSAL CONSIDERATIONS

13.1) Waste treatment methods

Product is covered by the regulations on hazardous waste.
Dispose of contents/container to an approved waste disposal plant.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code

Not applicable.

Specific labelling

Not applicable.

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

14) TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazard

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

14.6) Special precautions for user

Not applicable

14.7) Maritime transport in bulk according to IMO instruments

No data available

15) REGULATORY INFORMATION

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

Restrictions for application: None known.

Demands for specific education: No specific requirements.

SEVESO - Categories / dangerous substances: Not applicable.

REACH, Annex XVII

2-(2-butoxyethoxy)ethanol;diethylene glycol monobutyl ether is subject to restrictions, UKREACH annex XVII (entry 55).

Additional information:

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents

SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

as retained and amended in UK law. 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.

Sources:

Regulation (EC) No 648/2004 on detergents as retained and amended in UK law
528/2012 concerning the making available on the market and use of biocidal products as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2) Chemical Safety Assessment

No

16) OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

EUH071, Corrosive to the respiratory tract.

H301, Toxic if swallowed.

H302, Harmful if swallowed.

H311, Toxic 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.

H330, Fatal if inhaled.

H351, Suspected of causing cancer.

H400, Very toxic to aquatic life.

SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

H410, Very toxic to aquatic life with long lasting effects.

H412, Harmful to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

PC35 = Washing and Cleaning Products (including solvent based products)

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

SAFETY DATA SHEET

According to EC regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The safety data sheet is validated by

Anglian Chemicals

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en