

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006



VAX ULTRA+ 1.5L

Version 1

Issued: 11.03.2014

Original Revision date: 03.05.2013

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

1.1 Product Information

Trade name: ULTRA+ 1.5L
Identification number: 61335

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

Use of the Substance/Mixture: Cleaning agent

1.3 Company details

Name: Vax Ltd
Address: Kingswood Road
Hampton Lovett
Droitwich
Worcestershire
WR9 0QH
ENGLAND

1.4 Telephone number

(UK) 01905 388 290

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

Special labelling of certain mixtures: No information available

2.2 Other Hazards

No information available



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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical nature: Aqueous surfactant solution

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (Regulation (EC) No 1272/2008)	Concentration [%]
Sulfuric acid, mono-C12-16-alkyl esters, sodium	73296-89-6 277-362-3	Xi; R38 Xi; R41	Skin Irrit. 2; H315 Eye Irrit. 2; H318	>= 1 - < 2
Salts	01- 2119489464-26		Aquatic Chronic 3; H412	

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

- General advice: No hazards which require special first aid measures.
- If inhaled: Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.
- In case of skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
- In case of eye contact: Protect unharmed eye. If easy to do, remove contact lens, if worn. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing.



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If swallowed: Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No information available.
Risks: No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: For specialist advice physicians should contact the Poisons Information Service

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting: Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products:

5.3 Advice for firefighters

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Use personal protective equipment.



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6.2 Environmental precautions

Environmental precautions: Try to prevent the material from entering drains or water courses.
No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up: Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8. Treat recovered material as described in the section "Disposal considerations". Refer to section 15 for specific national regulation.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling: For personal protection see section 8. No special handling advice required.

Advice on protection against fire and explosion: Normal measures for preventive fire protection.

Hygiene measures: General industrial hygiene practice.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container.

Advice on common storage: No special restrictions on storage with other products.

Other data: No decomposition if stored and applied as directed. Protect from frost.

7.2 Specific end use(s)

Specific use(s): Cleaning agent



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Contains no substances with occupational exposure limit values.

DNEL

Sulfuric acid, mono-C12-16-alkyl esters, sodium salts:

End Use: Workers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects

End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term exposure, Systemic effects
Value: 285 mg/m³

End Use: Consumers
Exposure routes: Skin contact
Potential health effects: Long-term exposure, Systemic effects

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Long-term exposure, Systemic effects
Value: 85 mg/m³

End Use: Consumers
Exposure routes: Ingestion
Potential health effects: Long-term exposure, Systemic effects

PNEC

Sulfuric acid, mono-C12-16-alkyl esters, sodium salts:

Fresh water
Value: 0,0958 mg/l

Marine water
Value: 0,0096 mg/l



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Fresh water sediment

Value: 3,37 mg/kg

Marine sediment

Value: 0,337 mg/kg

Soil

Value: 0,616 mg/kg

STP

Value: 1084 mg/l

Intermittent release

Value: 0,036 mg/l

8.2 Exposure controls

Personal protective equipment

Eye protection: Safety glasses

Hand protection

Material: Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.

Glove thickness: 0,4 mm

Remarks: Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Skin and body protection: Protective suit

Respiratory protection: No personal respiratory protective equipment normally required.

Environmental exposure controls

General advice: Try to prevent the material from entering drains or water courses. No special environmental precautions required.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Liquid
Colour: colourless



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Odour:	characteristic
Odour Threshold:	no data available
pH:	ca. 7,2
Melting point/range:	no data available
Boiling point/boiling range:	No information available.
Flash point:	> 70 °C
Evaporation rate:	no data available
Flammability (solid, gas):	no data available
Burning rate:	no data available
Lower explosion limit:	no data available
Upper explosion limit:	no data available
Vapour pressure:	no data available
Relative vapor density:	no data available
Relative density:	no data available
Density:	ca. 1,037 g/cm ³
Water solubility:	soluble
Solubility in other solvents:	no data available
Partition coefficient: n-octanol/water:	no data available
Ignition temperature:	no data available
Thermal decomposition:	no data available
Viscosity, dynamic:	no data available
Viscosity, kinematic:	no data available
Explosive properties:	no data available
Oxidizing properties:	no data available

9.2 Other information

None

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under recommended storage conditions. No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.



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10.4 Conditions to avoid

Conditions to avoid: Protect from frost.

10.5 Incompatible materials

Materials to avoid: no data available

10.6 Hazardous decomposition products

Hazardous decomposition products: No hazardous decomposition products are known.

Other information: No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Product

Skin corrosion/irritation: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

Serious eye damage/eye irritation: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

Respiratory or skin sensitization: no data available

Further information: no data available

Components:

SODIUM LAURYL SULFATE :

Acute oral toxicity: LD50 Oral : > 2.000 mg/kg
Method: OECD Test Guideline 401

Skin corrosion/irritation: Result: irritating
Method: OECD Test Guideline 404

Serious eye damage/eye irritation: Result: Risk of serious damage to eyes.
Method: OECD Test Guideline 405



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12. ECOLOGICAL INFORMATION

12.1 Toxicity

Components:

SODIUM LAURYL SULFATE :

Toxicity to fish: LC50 (Leuciscus idus (Golden orfe)): > 10 - 100 mg/l
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna
(Water flea)): 10 - 100 mg/l

Toxicity to algae: EC50 (Scenedesmus subspicatus): 10 - 100 mg/l

Toxicity to bacteria: EC0 (Pseudomonas putida): > 100 mg/l

Toxicity to fish (Chronic toxicity): NOEC: 1 - 10 mg/l
Species: Pimephales promelas (fathead minnow)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity): NOEC: 1 -
10 mg/l
Species: Daphnia magna (Water flea)

12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

12.6 Other adverse effects

Product:

Additional ecological information: There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal



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company.

Contaminated packaging: Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

14.1 UN number

ADR
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods

14.2 Proper shipping name

ADR
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods

14.3 Transport hazard class

ADR
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods

14.4 Packing group

ADR
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods

14.5 Environmental hazards

ADR



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Not dangerous goods
IMDG
Not dangerous
IATA

Not dangerous goods

14.6 Special precautions for user

For personal protection see section 8.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

no data

15. REGULATORY INFORMATION

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

Major Accident Hazard Legislation 96/82/EC:	Update: 2003 Directive 96/82/EC does not apply
Volatile organic compounds (VOC) content:	Percent volatile: < 0,01 % 0,52 g/l VOC content excluding water
Volatile organic compounds (VOC) content:	Percent volatile: < 0,01 % 0,01 g/l VOC content valid only for coating materials used on wood surfaces

15.2 Chemical Safety Assessment

There is no data available for this product.

16. OTHER INFORMATION

Full test of R-Phrases

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Aquatic Chronic
Eye Irrit.

Chronic aquatic toxicity
Eye irritation

Full text of H-Statements

H315

Causes skin irritation.

H318

Causes serious eye damage.

H412

Harmful to aquatic life with long lasting effects.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.