

VAX ULTRA +

Version 1.5

Revision Date 12.06.2015

Print Date 02.07.2015

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

Product information

Trade name: Vax Ultra+
Identification number: 61335

Use of the Substance/Preparation: Cleaning Agent

Company: Vax Ltd
Floor 5
2 Colmore Square
38 Colmore Circus
Queensway, Birmingham
B4 6BN
Telephone No: 0330 026 8455

2. HAZARDS IDENTIFICATION

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.

Label elements

Special labeling of certain mixtures: Safety data sheets available on request for professional users.

Other hazards

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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 salts	73296-89-6 277-362-3 01- 2119489464-26	Xi; R38 Xi; R41	Skin Irrit. 2; H315 Eye Irrit. 2; H318	>= 1 - < 2

For explanation of abbreviations see section 16.

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4. FIRST AID MEASURES

Description of first aid measures

General advice: No hazards which require special first aid measures.

Inhalation: Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.

Skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.

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.

Ingestion: 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.

Most important symptoms and effects, both acute and delayed

Symptoms: No information available

Risks: No information available

Indication of any immediate medical attention and special treatment needed

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

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5. FIRE-FIGHTING MEASURES

Extinguishing media

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

Special hazards arising from the substance or mixture

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

Hazardous combustion products:

Advice for firefighters

Special protective equipment for Fire-fighters: 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

Personal precautions, protective equipment and emergency procedures

Personal precautions: Use personal protective equipment

Environmental precautions

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

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.

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.

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7. HANDLING AND STORAGE

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.

Storage

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

Specific end use(s)

Specific use(s) : Cleaning agent

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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 exposure, 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
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

Exposure controls

Personal protective equipment

Eye protection: Safety glasses

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION - continued

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

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9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	liquid
Colour:	colourless
Odour:	characteristic
Odour Threshold:	no data available
pH:	ca. 7,2
Melting point/range:	no data available
Boiling point/boiling range:	no data available
Flash point:	> 93°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 vapour 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

Other information

None

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10. STABILITY AND REACTIVITY

Reactivity

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

Chemical stability

No decomposition if stored and applied as directed.

Possibility of hazardous reactions

Hazardous reactions: No hazards to be specially mentioned.

Conditions to avoid

Conditions to avoid: Protect from frost.

Incompatible materials

Materials to avoid: no data available

Hazardous decomposition products

Hazardous decomposition products: No hazardous decomposition products are known.

Other information: No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

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

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)

Persistence and degradability

Bioaccumulative potential

Mobility in soil

Results of PBT and vPvB assessment

Other adverse effects

Product

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

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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

Contaminated packaging: Empty remaining contents. Empty containers should be taken for local recycling or waste disposal.

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14. TRANSPORT INFORMATION

UN number

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

Proper shipping name

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

Transport hazard class

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

Packing group

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14. TRANSPORT INFORMATION - continued

Environmental hazards

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

Special precautions for user

For personal protection see section 8.

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

No data available

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15. REGULATORY INFORMATION

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

Chemical Safety Assessment

There is no data available for this product.

16. OTHER INFORMATION

Full text of R-Phrases

Aquatic Chronic

Chronic aquatic toxicity

Eye Irrit.

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.

Further information

The information provided in the 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 test.

Department issuing data: Quality Department

Contact person: Product development / product safety