

SAFETY DATA SHEET

According to Regulation (EU) No. 1907/2006



VAX AAA CONCENTRATE

Version 1

Issued: 04.07.13

Original Revision Date: 02.12.2012

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

Product information

Trade name: VAX AAA CONCENTRATE

61080

Use of the Substance/Preparation: Cleaning Agent

Company:

Vax Ltd
Kingswood Road
Hampton Lovett
Droitwich
WR9 0QH

Telephone No: 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

: Safety data sheet available on request for professional users.

2.3 Other hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature: Aqueous surfactant solution.

Component Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
sodium dodecyl sulphate	151-21-3 205-788-1	Xi; R38 Xi; R41	Eye Dam. 1; H318 Acute Tox. 4; H302 Skin Irrit. 2; H315	>= 1 - < 2

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.

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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 : Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

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

4.3 Indication of any immediate medical attention and special treatment needed

5. FIRE-FIGHTING MEASURES

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

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

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

Environmental precautions: Try to prevent the material from entering drains or water courses.

No special environmental precautions required.

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

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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.

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.

7.3 Specific end uses

Specific use(s) : Cleaning agent

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

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

Glove thickness: 0,4 mm

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).

Eye protection : Safety glasses

Skin and body protection : Protective suit

Hygiene measures : General industrial hygiene practice.

Environmental exposure controls

General advice : 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

9.1 Information on basic physical and chemical properties

Appearance : liquid
Colour : off-white cloudy
Odour : characteristic
pH : ca. 7,3
Boiling point/boiling range : No information available.
Flash point : > 70 °C
Density : ca. 1,024 g/cm³
Water solubility : soluble
Thermal decomposition : no data available

9.2 Other information

Refractive index : 2,6 °Brix

10. STABILITY AND REACTIVITY

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

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.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Product

Acute oral toxicity : Acute toxicity estimate: 122.667 mg/kg (Calculation method)
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 dodecyl sulphate :

Acute oral toxicity : LD50 (rat): 1.288 mg/kg

Acute inhalation toxicity : LC50 (rat): > 3,9 mg/l,

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12. ECOLOGICAL INFORMATION

12.1 Toxicity

Further information

The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic

environment: 3,634 %

There is no data available for this product.

Components:

sodium dodecyl sulphate :

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish), 96 h): 4,5 mg/l

Toxicity to daphnia and other aquatic invertebrates.

: EC50 (Daphnia magna (Water flea), 48 h): 6 mg/l

Toxicity to algae : IC50 (Desmodesmus subspicatus (green algae), 72 h): 53 mg/l

Toxicity to bacteria : EC50 (Aliivibrio fischeri, 30 min): 0,46 mg/l

12.2 Persistence and degradability

There is no data available for this product.

12.3 Bioaccumulative potential

There is no data available for this product.

Components:

sodium dodecyl sulphate :

Bioaccumulation : Bioconcentration factor (BCF): 71

12.4 Mobility in soil

There is no data available for this product.

Components:

sodium dodecyl sulphate :

Distribution among environmental compartments

: Koc: 10000, immobile

12.5 Results of PBT and vPvB assessment

There is no data available for this product.

12.6 Other adverse effects

Product:

Additional ecological information

: There is no data available for this product.

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13. DISPOSAL CONSIDERATIONS

13.1 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 to an approved waste handling site for recycling or disposal.

Waste Code : European Waste Catalogue
200129

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

14. TRANSPORT INFORMATION

14.1 UN number

ADR

Not dangerous goods

IMDG

Not dangerous goods

14.2 Proper shipping name

ADR

Not dangerous goods

IMDG

Not dangerous goods

14.3 Transport hazard class

ADR

Not dangerous goods

IMDG

Not dangerous goods

14.4 Packing group

ADR

Not dangerous goods

IMDG

Not dangerous goods

14.5 Environmental hazards

ADR

Not dangerous goods

IMDG

Not dangerous goods

14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

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

There is no data available for this product.

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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:

Directive 96/82/EC does not apply

Volatile organic compounds

(VOC) content

: Percent volatile: 0,53 %

147,71 g/l

VOC content excluding water

Volatile organic compounds

(VOC) content

: Percent volatile: 0,53 %

5,48 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 text of R-phrases referred to under sections 2 and 3

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

Full text of H-Statements referred to under sections 2 and 3.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

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.