



## VAX SPOT & STAIN PET

Version 1

Issued: 06.12.13

Original Revision date: 11.04.2012

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

#### 1.1 Product Information

Trade name: VAX SPOT & STAIN  
Identification number:

#### 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

**Labelling according to EC Directives (1999/45/EC)**

Further information

The product does not need to be labelled in accordance with EC directives or respective national laws.

---

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.2 Mixtures** : Aqueous  
Chemical nature surfactant  
solution.

chemical Name	CAS-No. EC-No. Registration	Classification (67/548/EEC)	Classification (REGULATION (EC) No	Concentration [%]
---------------	-----------------------------------	--------------------------------	--	----------------------



## VAX SPOT & STAIN PET

Version 1                      Issued: 06.12.13                      Original Revision date: 11.04.2012

	number		1272/2008)	
ethanol	64-17-5 200-578-6	F; R11	Flam. Liq. 2; H225 Eye Dam. 2; H319	>= 2 - < 5

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

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.

##### 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

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

#### 5.2. Special hazards arising from the substance or mixture

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

#### 5.3. Advice for fire-fighters

Advice for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

Further information



## VAX SPOT & STAIN PET

Version 1

Issued: 06.12.13

Original Revision date: 11.04.2012

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

Use personal protective equipment. Refer to protective measures listed in sections 7 and 8.

#### 6.2. Environmental precautions

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

#### 6.3. Methods and material for containment and cleaning up

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

Contaminated surfaces will be extremely slippery. Mark the contaminated area with signs and prevent access to unauthorized personnel.

#### 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

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

Store at room temperature in the original container. Keep container tightly closed in a dry and well-ventilated place.

No special restrictions on storage with other products

No decomposition if stored and applied as directed.

#### 7.3. Specific end use(s)

Cleaning agent

---

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

Contains no substances with occupational exposure limit values.

DNEL ethanol

End Use: Workers

Exposure routes: Inhalation

Potential health effects: Short-term exposure, Local effects

**SAFETY DATA SHEET**  
According to EC directive 2001/58/EC



**VAX SPOT & STAIN PET**

Version 1

Issued: 06.12.13

Original Revision date: 11.04.2012

Value: 1900 mg/m<sup>3</sup>

End Use: Workers

Exposure routes: Skin contact

Potential health effects: Long-term exposure, Systemic effects

Value: 343 mg/kg

End Use: Workers

Exposure routes: Inhalation

Potential health effects: Long-term exposure, Systemic effects

Value: 950 mg/m<sup>3</sup>

End Use: Consumers

Exposure routes: Inhalation

Potential health effects: Short-term exposure, Local effects

Value: 950 mg/m<sup>3</sup>

End Use: Consumers

Exposure routes: Skin contact

Potential health effects: Long-term exposure, Systemic effects

Value: 206 mg/kg

End Use: Consumers

Exposure routes: Inhalation

Potential health effects: Long-term exposure, Systemic effects

Value: 114 mg/m<sup>3</sup>

End Use: Workers

Exposure routes: Ingestion

Potential health effects: Long-term exposure, Systemic effects

Value: 87 mg/kg

**8.2. Exposure controls**

Respiratory protection: No personal respiratory protective equipment normally re-quired.

Hand protection: For prolonged or repeated contact use protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective suit

Hygiene measures: General industrial hygiene practice.

**Environmental exposure controls**

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

Odour

like fruit

pH

ca. 5,8

Boiling point/boiling range

No information available.

Flash point

**SAFETY DATA SHEET**  
According to EC directive 2001/58/EC



**VAX SPOT & STAIN PET**

Version 1

Issued: 06.12.13

Original Revision date: 11.04.2012

not applicable

Density

ca. 1,007 g/cm<sup>3</sup>

Water solubility

Soluble

Viscosity, dynamic

NA

9.2. Other information

Other information: No data available.

Refractive index

5,4 °Brix

n<sub>D20</sub>: 1,308

---

**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.

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

No hazardous decomposition products are known.



## VAX SPOT & STAIN PET

Version 1

Issued: 06.12.13

Original Revision date: 11.04.2012

---

### 11. TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

##### 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

##### Components:

Ethanol :

.  
Acute oral : LD50 (rat): 6.200  
toxicity mg/kg  
Acute dermal : LD50 (rabbit):  
toxicity 20.000 mg/kg  
Reproductive : rat, Oral,  
toxicity NOAEL: 13.800  
mg/kg

---

### 12. ECOLOGICAL INFORMATION

#### 12.1. Toxicity

No data available.



## VAX SPOT & STAIN PET

Version 1

Issued: 06.12.2013

Original Revision date: 11.04.2012

### Components:

#### Ethanol

#### Toxicity to fish

LC50 (Oncorhynchus mykiss (rainbow trout), 96 h): 13 g/l

LC50 (Fish): 11.200 mg/l

#### Toxicity to daphnia and other aquatic invertebrates

EC50 (Daphnia magna (Water flea), 48 h): 9.268 - 14.221 mg/l

#### Toxicity to algae

IC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l

#### Toxicity to bacteria

EC50 (Pseudomonas putida, 16 h): 11.800 mg/l (Cell multiplication inhibition te

### 12.2. Persistence and degradability

#### Biodegradability

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

### Components:

ethanol : Biodegradability

94 %, Result: Readily biodegradable., OECD Test Guideline 301

### 12.3. Bioaccumulative potential

There is no data available for this product.

### 12.4. Mobility in soil

There is no data available for this product.

### Components:

ethanol : Distribution among environ-mental compartments

### 12.5. Results of PBT and vPvB assessment

There is no data available for this product.

### 12.6. Other adverse effects

#### Additional ecological informa-tion

There is no data available for this product.



## **VAX SPOT & STAIN PET**

Version 1

Issued: 06.12.2013

Original Revision date: 11.04.2012

---

### **13. DISPOSAL CONSIDERATIONS**

#### 13.1. Waste treatment methods

Offer surplus and non-recyclable solutions to a licensed dis-posal 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**

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





## **VAX SPOT & STAIN PET**

Version 1

Issued: 06.12.2013

Original Revision date: 11.04.2012

Not classified as dangerous in the meaning of transport regulations.  
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.

---

### **15. REGULATORY INFORMATION**

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

Major Accident Hazard Leg-islation

96/82/EC Update:

Directive 96/82/EC does not apply

Volatile organic compounds (VOC) content

Percent volatile: 3,86 %

639,72 g/l

VOC content excluding water

Volatile organic compounds (VOC) content

Percent volatile: 3,86 %

38,92 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 R11 Highly flammable.

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

H225 Highly flammable liquid and vapour

H319 Cause serious eye injury

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.