

# Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 25.03.2024

Version number 7 (replaces version 6)

Revision: 25.03.2024

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

- Trade name: **Akelux Filler Color**
- Article number: 620xx
- UFI: H535-G059-G00W-9FUY

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

- Application of the substance / the mixture: No further relevant information available.
- Lacquer
- UV-Lack

### 1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier: AKEMI chemisch technische Spezialfabrik GmbH  
Lechstrasse 28  
D 90451 Nürnberg
- Tel. +49(0)911-642960  
Fax. +49(0)911-644456  
e-mail info@akemi.de

- Further information obtainable from: Laboratory

### 1.4 Emergency telephone number:

Product Safety Department AKEMI chemisch technische Spezialfabrik GmbH  
Tel. +49(0)911-64296-59  
Reachable during the following office hours:  
Monday – Thursday from 07:30 a.m. to 16:30 p.m.  
Friday from 07:30 a.m. to 13:30 p.m.

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008
- Skin Sens. 1 H317 May cause an allergic skin reaction.
- Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008

#### Hazard pictograms

The product is classified and labelled according to the CLP regulation.



GHS07 GHS09

#### Signal word

Warning

#### Hazard-determining components of labelling:

7,7,9(or7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate

ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate

#### Hazard statements

H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

#### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read carefully and follow all instructions.  
P273 Avoid release to the environment.  
P280 Wear protective gloves.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

(Contd. on page 2)

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 25.03.2024

Version number 7 (replaces version 6)

Revision: 25.03.2024

**Trade name: Akelux Filler Color**

(Contd. of page 1)

**2.3 Other hazards**

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Determination of endocrine-disrupting properties

For information on endocrine disrupting properties see section 11.

**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 72869-86-4 EINECS: 276-957-5 Reg.nr.: 01-2120751202-68	7,7,9(or7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate Aquatic Chronic 2, H411 Skin Sens. 1, H317	50-100%
CAS: 84434-11-7 EINECS: 282-810-6 Reg.nr.: 01-2119987994-10	ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate Aquatic Chronic 2, H411 Skin Sens. 1B, H317	<1%

Additional information: For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures****4.1 Description of first aid measures**

General information:

Take affected persons out into the fresh air.  
Immediately remove any clothing soiled by the product.

After inhalation:

Take affected persons into fresh air and keep quiet.

After skin contact:

Seek medical treatment in case of complaints.

After eye contact:

If skin irritation continues, consult a doctor.

Immediately wash with water and soap and rinse thoroughly.

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Do not induce vomiting; call for medical help immediately.

A person vomiting while laying on their back should be turned onto their side.

**4.2 Most important symptoms and effects, both acute and delayed**Cramp  
Gastric or intestinal disorders  
Dizziness  
Asthma attacks  
Nausea  
Danger of impaired breathing.

Hazards

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

If swallowed, gastric irrigation.

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

Suitable extinguishing agents:

CO<sub>2</sub>, sand, extinguishing powder. Do not use water.  
Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents:

Water

**5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

(Contd. on page 3)

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 25.03.2024

Version number 7 (replaces version 6)

Revision: 25.03.2024

**Trade name: Akelux Filler Color**

(Contd. of page 2)

**· 5.3 Advice for firefighters**· Protective equipment:· Additional information

In case of fire, the following can be released:

Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide (CO)  
Hydrogen cyanide (HCN)

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

Wear fully protective suit.

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures****· 6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

**· 6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

**· 6.3 Methods and material for containment and cleaning up:**

Dispose of the material collected according to regulations.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

**· 6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: Handling and storage****· 7.1 Precautions for safe handling**

Store in cool, dry place in tightly closed receptacles.

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

· Information about fire - and explosion protection:

No special measures required.

**· 7.2 Conditions for safe storage, including any incompatibilities**· Storage:· Requirements to be met by storerooms and receptacles:

Store only in the original receptacle.

Prevent any seepage into the ground.

· Information about storage in one common storage facility:

Store away from foodstuffs.

· Further information about storage conditions:

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

Protect from frost.

Store receptacle in a well ventilated area.

· Storage class:

10

**· 7.3 Specific end use(s)**

No further relevant information available.

(Contd. on page 4)

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 25.03.2024

Version number 7 (replaces version 6)

Revision: 25.03.2024

**Trade name:** Akelux Filler Color

(Contd. of page 3)

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

- Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

## · DNELs

**72869-86-4 7,7,9(or7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate**

Oral	DNEL (Langzeit-wiederholt)	0.3 mg/kg bw/day (ARB)
Dermal	DNEL ( Langzeit-wiederholt)	0.7 mg/kg bw/day (ARB)
Inhalative	DNEL (Langzeit-wiederholt)	0.6 mg/m <sup>3</sup> Air (ARB)

**84434-11-7 ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate**

Dermal	DNEL ( Langzeit-wiederholt)	1.7 mg/kg bw/day (ARB)
Inhalative	DNEL (Langzeit-wiederholt)	5.88 mg/m <sup>3</sup> Air (ARB)

## · PNECs

**72869-86-4 7,7,9(or7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate**

PNEC (wässrig)	3.61 mg/l (KA)
	0.001 mg/l (MW)
	0.01 mg/l (SW)
PNEC (fest)	0.91 mg/kg Trockengew (BO)
	0.46 mg/kg Trockengew (MWS)
	4.56 mg/kg Trockengew (SWS)

**84434-11-7 ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate**

PNEC (wässrig)	0 mg/l (MW)
	0.001 mg/l (SW)
	0.035 mg/l (WAS)
PNEC (fest)	0.047 mg/kg Trockengew (BO)
	0.024 mg/kg Trockengew (MWS)
	0.24 mg/kg Trockengew (SWS)

· Additional information:

The lists valid during the making were used as basis.

**8.2 Exposure controls**

- Appropriate engineering controls No further data; see section 7.
- Individual protection measures, such as personal protective equipment
- General protective and hygienic measures:

Apply solvent resistant skin cream before starting work.  
Do not eat, drink, smoke or sniff while working.  
Use skin protection cream for skin protection.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.

· Respiratory protection:

Short term filter device:  
Filter A/P2

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· Hand protection

Preventive skin protection by use of skin-protecting agents is recommended.  
After use of gloves apply skin-cleaning agents and skin cosmetics.

(Contd. on page 5)

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 25.03.2024

Version number 7 (replaces version 6)

Revision: 25.03.2024

**Trade name: Akelux Filler Color**

(Contd. of page 4)

**Protective gloves**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

Butyl rubber, BR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Not suitable are gloves made of the following materials:

Natural rubber, NR

Leather gloves

Strong material gloves

Rubber gloves

· Eye/face protection**Tightly sealed goggles**· Body protection:

Protective work clothing

**SECTION 9: Physical and chemical properties**· **9.1 Information on basic physical and chemical properties**· General Information· Colour:

Different according to colouring

· Odour:

Specific type

· Melting point/freezing point:

Undetermined.

· Boiling point or initial boiling point and boiling range

Undetermined.

· Flash point:

&gt;150 °C

· pH

Not determined.

· Viscosity:· Kinematic viscosity at 20 °C

180 s (DIN 53211/4)

· Dynamic:

Not determined.

· Solubility· water:

Not miscible or difficult to mix.

· Vapour pressure:

Not determined.

· Density and/or relative density· Density:

Not determined.

· **9.2 Other information**· Appearance:· Form:

Pasty

· Important information on protection of health and environment, and on safety.· Ignition temperature:

Product is not selfigniting.

· Explosive properties:

Product does not present an explosion hazard.

(Contd. on page 6)

EU

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 25.03.2024

Version number 7 (replaces version 6)

Revision: 25.03.2024

**Trade name: Akelux Filler Color**

(Contd. of page 5)

· Solvent content:  
· Solids content: 12-16 %

· Information with regard to physical hazard classes

· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

**SECTION 10: Stability and reactivity**

· **10.1 Reactivity** No further relevant information available.

· **10.2 Chemical stability**

· Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.

· **10.3 Possibility of hazardous reactions** Exothermic polymerisation.  
Reacts with peroxides.  
Reacts with heavy metals.  
Reacts with alkali (lyes).

· **10.4 Conditions to avoid** No further relevant information available.

· **10.5 Incompatible materials:** No further relevant information available.

· **10.6 Hazardous decomposition products:** Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide

**SECTION 11: Toxicological information**

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

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

· LD/LC50 values relevant for classification:

**72869-86-4 7,7,9(or7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate**

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)

**84434-11-7 ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate**

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)

· Skin corrosion/irritation Based on available data, the classification criteria are not met.

· Serious eye damage/irritation Based on available data, the classification criteria are not met.

· Respiratory or skin sensitisation May cause an allergic skin reaction.

(Contd. on page 7)

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 25.03.2024

Version number 7 (replaces version 6)

Revision: 25.03.2024

**Trade name: Akelux Filler Color**

(Contd. of page 6)

- 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**

- Endocrine disrupting properties

None of the ingredients is listed.

**SECTION 12: Ecological information**

- **12.1 Toxicity**

- Aquatic toxicity:

	<b>72869-86-4 7,7,9(or7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate</b>
--	---

EC50/48h	>1.2 mg/l (daphnia magna)
----------	---------------------------

EC50/72h	>0.68 mg/l (algae)
----------	--------------------

LC50/96h	10.1 mg/l (piscis)
----------	--------------------

	<b>84434-11-7 ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate</b>
--	---

EC50	>1,000 mg/l (BES)
------	-------------------

EC10	1.55 mg/l (daphnia magna)
------	---------------------------

EC50/48h	2.26 mg/l (daphnia magna)
----------	---------------------------

EC50/72h	1.01 mg/l (Desmodesmus subspicatus)
----------	-------------------------------------

LC50/96h	1.89 mg/l (Danio rerio.)
----------	--------------------------

- **12.2 Persistence and degradability**

No further relevant information available.

- Other information:

The product is not easily biodegradable.

- **12.3 Bioaccumulative potential**

No further relevant information available.

- **12.4 Mobility in soil**

No further relevant information available.

- **12.5 Results of PBT and vPvB assessment**

- PBT:

Not applicable.

- vPvB:

Not applicable.

- **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

- **12.7 Other adverse effects**

- Remark:

Harmful to fish

- Additional ecological information:

- General notes:

Do not allow product to reach ground water, water course or sewage system.

Harmful to aquatic organisms

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**

- Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- European waste catalogue

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
----------	---

08 01 00	wastes from MFSU and removal of paint and varnish
----------	---

(Contd. on page 8)



## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 25.03.2024

Version number 7 (replaces version 6)

Revision: 25.03.2024

**Trade name:** Akelux Filler Color

(Contd. of page 7)

08 01 11\* waste paint and varnish containing organic solvents or other hazardous substances

· Uncleaned packaging:· Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

**SECTION 14: Transport information**· **14.1 UN number or ID number**· ADR, IMDG, IATA

UN3077

· **14.2 UN proper shipping name**· ADR

3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (7,7,9(or7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate)

· IMDG, IATA

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (7,7,9(or7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate)

· **14.3 Transport hazard class(es)**· ADR· Class

9 (M7) Miscellaneous dangerous substances and articles.

· Label

9

· IMDG, IATA· Class

9 Miscellaneous dangerous substances and articles.

· Label

9

· **14.4 Packing group**· ADR, IMDG, IATA

III

· **14.5 Environmental hazards:**· Marine pollutant:

No

· Special marking (ADR):

Symbol (fish and tree)

· Special marking (IATA):

Symbol (fish and tree)

Symbol (fish and tree)

· **14.6 Special precautions for user**· Hazard identification number (Kemler code):

Warning: Miscellaneous dangerous substances and articles.

· EMS Number:

90

· Stowage Category

F-A,S-F

· Stowage Code

A

SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.

· **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

· Transport/Additional information:

Not dangerous according to the above specifications.

(Contd. on page 9)



## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 25.03.2024

Version number 7 (replaces version 6)

Revision: 25.03.2024

**Trade name: Akelux Filler Color**

(Contd. of page 8)

· ADR	5 kg
· Limited quantities (LQ)	Code: E1
· Excepted quantities (EQ)	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
· Transport category	3
· Tunnel restriction code	(-)

· IMDG	5 kg
· Limited quantities (LQ)	Code: E1
· Excepted quantities (EQ)	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml

· UN "Model Regulation":	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (7,7,9(OR7,9,9)-TRIMETHYL-4,13-DIOXO-3,14-DIOXA-5,12-DIAZAHÉXADÉCANE-1,16-DIYL BISMETHACRYLATE), 9, III
--------------------------	--

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

· Directive 2012/18/EU	
· Named dangerous substances - ANNEX I	None of the ingredients is listed.
· Seveso category	E2 Hazardous to the Aquatic Environment
· Qualifying quantity (tonnes) for the application of lower-tier requirements	200 t
· Qualifying quantity (tonnes) for the application of upper-tier requirements	500 t
· REGULATION (EC) No 1907/2006 ANNEX XVII	Conditions of restriction: 3

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II
--

None of the ingredients is listed.

· REGULATION (EU) 2019/1148
-----------------------------

· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
--

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS
---

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors
--

None of the ingredients is listed.

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
--

None of the ingredients is listed.

· National regulations:
-------------------------

· Information about limitation of use:	Employment restrictions concerning juveniles must be observed. Employment restrictions concerning pregnant and lactating women must be observed.
--	---

(Contd. on page 10)

## Safety data sheet

### according to Regulation (EC) No 1907/2006, Article 31

Printing date 25.03.2024

Version number 7 (replaces version 6)

Revision: 25.03.2024

**Trade name: Akelux Filler Color**

(Contd. of page 9)

· Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.· Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

· VOC EU 0.0 g/l· **15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing SDS:

Laboratory

· Contact:

Elke Hake

Fon ++49 (0)911 64296-59

@mail E.Hake@akemi.de

· Date of previous version:

15.12.2022

· Version number of previous version:

6

· Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1B: Skin sensitisation – Category 1B

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2