

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

**1.1 Product identifier**

Trade name: IJMOPOX THINNER  
 Article number: 804  
 UFI: H9Q1-N0A1-2008-U85K

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

Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites  
 SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
 SU19 Building and construction work  
 Product category PC9a Coatings and paints, thinners, paint removers  
 Process category PROC19 Manual activities involving hand contact  
 Environmental release category ERC5 Use at industrial site leading to inclusion into/onto article  
 ERC8c Widespread use leading to inclusion into/onto article (indoor)  
 ERC8f Widespread use leading to inclusion into/onto article (outdoor)  
 Article category AC13 Plastic articles  
 Application of the substance / the mixture See our technical datasheet for application details of this product.  
 Thinner, Diluent

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

Manufacturer/Supplier: De IJssel Coatings BV, Centrumbaan 960, NL 2841 MH Moordrecht  
 Tel: +31 182 372177, E-mail: info@de-ijssel-coatings.nl  
 Further information obtainable from: Research and Development.


**1.4 Emergency telephone number:**

De IJssel Coatings BV, Tel. +31 182 372177, E-mail: safety@de-ijssel-coatings.nl  
 Office hours: working days from 08:00 to 17:00 hrs.


**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**


Classification according to Regulation (EC) No 1272/2008

 GHS02 flame


Flam. Liq. 3 H226 Flammable liquid and vapour.

 GHS08 health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

 GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

 GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

 GHS07

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

**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.

      
 GHS02 GHS05 GHS07 GHS08 GHS09

Signal word Danger

Hazard-determining components of labelling:

Solvent naphtha (petroleum), light arom.  
 butan-1-ol  
 4-methylpentan-2-one

Hazard statements

H226 Flammable liquid and vapour.  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.

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- H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.  
H304 May be fatal if swallowed and enters airways.  
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.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P331 Do NOT induce vomiting.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **2.3 Other hazards**
- Results of PBT and vPvB assessment
- PBT: Not applicable.  
· vPvB: Not applicable.

### SECTION 3: Composition/information on ingredients

#### · 3.2 Chemical characterisation: Mixtures

- Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 64742-95-6 EINECS: 265-199-0 Index number: 649-356-00-4 Reg.nr.: 01-2119455851-35	Solvent naphtha (petroleum), light arom. ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H335-H336	50 – 100%
CAS: 108-10-1 EINECS: 203-550-1 Index number: 606-004-00-4 Reg.nr.: 01-2119473980-30	4-methylpentan-2-one ⚠ Flam. Liq. 2, H225; ⚠ Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H335	25 – 50%
CAS: 71-36-3 EINECS: 200-751-6 Index number: 603-004-00-6 Reg.nr.: 01-2119484630-38	butan-1-ol ⚠ Flam. Liq. 3, H226; ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	10 – 25%

- 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: Immediately remove any clothing soiled by the product.  
· After inhalation: In case of unconsciousness place patient stably in side position for transportation.  
· After skin contact: Immediately wash with water and soap and rinse thoroughly.  
· After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.  
· After swallowing: If symptoms persist consult doctor.

#### · 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

#### · 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

### \* SECTION 5: Firefighting measures

#### · 5.1 Extinguishing media

- Suitable extinguishing agents: CO2 or powder. Fight larger fires with alcohol resistant foam.  
· For safety reasons unsuitable extinguishing agents: Water with full jet

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

No further relevant information available.

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- **5.3 Advice for firefighters**
- Protective equipment: No special measures required.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**
- **6.2 Environmental precautions:** Wear protective equipment. Keep unprotected persons away.  
 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:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
 Use neutralising agent.  
 Dispose contaminated material as waste according to item 13.  
 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** Ensure good ventilation/exhaustion at the workplace.  
 Prevent formation of aerosols.
- Information about fire - and explosion protection: Keep ignition sources away - Do not smoke.  
 Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.
- Recommended storage temperature: 5 - 30 °C
- **7.3 Specific end use(s)** No further relevant information available.

**\* SECTION 8: Exposure controls/personal protection**

- **8.1 Control parameters**
- Additional information about design of technical facilities: No further data; see item 7.

· Ingredients with limit values that require monitoring at the workplace:		
<b>108-10-1 4-methylpentan-2-one</b>		
IOELV	Short-term value: 208 mg/m <sup>3</sup> , 50 ppm Long-term value: 83 mg/m <sup>3</sup> , 20 ppm	
· DNEL (Derived No Effect Level) for workers		
<b>64742-95-6 Solvent naphtha (petroleum), light arom.</b>		
Dermal	Long-term - systemic effects, worker	25 mg/kg bw/day (Worker)
Inhalative	Long-term - systemic effects, worker	150 mg/m <sup>3</sup> (Worker)
<b>71-36-3 butan-1-ol</b>		
Inhalative	Long-term - local effects, worker	310 mg/m <sup>3</sup> (Worker)
· DNEL (Derived No Effect Level) for the general population		
<b>64742-95-6 Solvent naphtha (petroleum), light arom.</b>		
Oral	Long-term - systemic effects, general population	11 mg/kg bw/day (General population)
Dermal	Long-term - systemic effects, general population	11 mg/kg bw/day (General population)
Inhalative	Long-term - systemic effects, general population	32 mg/m <sup>3</sup> (General population)

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71-36-3 butan-1-ol		
Oral	Long-term - systemic effects, general population	3.125 mg/kg bw/day (General population)
Inhalative	Long-term - local effects, general population	55 mg/m <sup>3</sup> (General population)
· PNEC (Predicted No Effect Concentration) values		
71-36-3 butan-1-ol		
Aquatic compartment - freshwater	0.082 mg/l (Freshwater)	
Aquatic compartment - marine water	0.0082 mg/l (Marine water)	
Aquatic compartment - water, intermittent releases	2.25 mg/l (Intermittent release water)	
Aquatic compartment - sediment in freshwater	0.178 mg/kg sed dw (Sediment freshwater)	
Aquatic compartment - sediment in marine water	0.0178 mg/kg sed dw (Sediment marine water)	
Terrestrial compartment - soil	0.015 mg/kg dw (Soil)	
Sewage treatment plant	2,476 mg/l (stp)	

- Additional information: The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- Personal protective equipment:
- General protective and hygienic measures:
  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing
  - Wash hands before breaks and at the end of work.
  - Avoid contact with the skin.
  - Avoid contact with the eyes and skin.
- Respiratory protection: 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.
- Protection of hands: 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: Nitrile rubber, NBR
  - 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.
  - Recommended thickness of the material:  $\geq 0.3$  mm
- Penetration time of glove material: The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
  - For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 16523-1:2015: Level 6).
- For the permanent contact gloves made of the following materials are suitable: Nitrile rubber, NBR
- As protection from splashes gloves made of the following materials are suitable: Nitrile rubber, NBR
- Not suitable are gloves made of the following materials:
  - Leather gloves
  - Strong material gloves
- Eye protection: Tightly sealed goggles

### SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties	
· General Information	
· Appearance:	
Form:	Fluid
Colour:	According to product specification
· Odour:	Characteristic
· Odour threshold:	Not determined.
· pH-value at 20 °C:	7

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· Change in condition Melting point/freezing point: Initial boiling point and boiling range:	Undetermined. 114 – 117 °C
· Flash point:	25 °C (Pensky Martens, ASTM D93)
· Flammability (solid, gas):	Not applicable.
· Ignition temperature:	340 °C
· Decomposition temperature:	Not determined.
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Explosion limits: Lower: Upper:	0.7 Vol % 9.4 Vol %
· Vapour pressure at 20 °C:	8 hPa
· Density at 20 °C: · Relative density · Vapour density · Evaporation rate	0.839 g/cm <sup>3</sup> (DIN 51757, ASTM D 1298) Not determined. Not determined. Not determined.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity: Dynamic at 20 °C: Kinematic:	10 mPas (Brookfield, ASTM D1544) Not determined.
· Solvent content: Organic solvents: VOC (2004/42/EC):	100.0 % 100.00 %
Solids content:	0.0 %
· <b>9.2 Other information</b>	No further relevant information available.

**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 according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects**
- Acute toxicity Based on available data, the classification criteria are not met.
- LD/LC50 values relevant for classification:

Components	Type	Value	Species
<b>ATE (Acute Toxicity Estimates)</b>			
Oral	LD50	5,267 mg/kg	(Rat)
<b>64742-95-6 Solvent naphtha (petroleum), light arom.</b>			
Oral	LD50	> 6,800 mg/kg	(Rat)
Dermal	LD50	> 3,400 mg/kg	(rab)

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<b>108-10-1 4-methylpentan-2-one</b>		
Oral	LD50	2,080 mg/kg (Rat)
Dermal	LD50	16,000 mg/kg (rab)
<b>71-36-3 butan-1-ol</b>		
Oral	LD50	790 mg/kg (Rat)
Dermal	LD50	3,400 mg/kg (Rabbit)
<ul style="list-style-type: none"> <li>· Primary irritant effect:</li> <li>· Skin corrosion/irritation Causes skin irritation.</li> <li>· Serious eye damage/irritation Causes serious eye damage.</li> <li>· Respiratory or skin sensitisation Based on available data, the classification criteria are not met.</li> <li>· Additional toxicological information:</li> <li>· CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)</li> <li>· Germ cell mutagenicity Based on available data, the classification criteria are not met.</li> <li>· Carcinogenicity Based on available data, the classification criteria are not met.</li> <li>· Reproductive toxicity Based on available data, the classification criteria are not met.</li> <li>· STOT-single exposure May cause respiratory irritation. May cause drowsiness or dizziness.</li> <li>· STOT-repeated exposure Based on available data, the classification criteria are not met.</li> <li>· Aspiration hazard May be fatal if swallowed and enters airways.</li> </ul>		

**\* SECTION 12: Ecological information**

<ul style="list-style-type: none"> <li>· <b>12.1 Toxicity</b></li> <li>· Aquatic toxicity: No further relevant information available.</li> </ul>			
· Type of test	Effective concentration	Method	Assessment
<b>ATE (Acute Toxicity Estimates)</b>			
Inhalative	LC50/4 h	27.7 – 55.3 mg/l (Rat)	
<b>64742-95-6 Solvent naphtha (petroleum), light arom.</b>			
Inhalative	LC50/4 h	> 10.2 mg/l (Rat)	
<b>108-10-1 4-methylpentan-2-one</b>			
Inhalative	LC50/4 h	8.3 – 16.6 mg/l (Rat)	
<b>71-36-3 butan-1-ol</b>			
Inhalative	LC50/4 h	8,000 mg/l (Rat)	
<ul style="list-style-type: none"> <li>· <b>12.2 Persistence and degradability</b> No further relevant information available.</li> <li>· <b>12.3 Bioaccumulative potential</b> No further relevant information available.</li> <li>· <b>12.4 Mobility in soil</b> No further relevant information available.</li> <li>· Ecotoxicological effects:</li> <li>· Remark: Toxic for fish</li> <li>· Additional ecological information:</li> <li>· General notes: Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Must not reach sewage water or drainage ditch undiluted or unneutralised. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms</li> <li>· <b>12.5 Results of PBT and vPvB assessment</b></li> <li>· PBT: Not applicable.</li> <li>· vPvB: Not applicable.</li> <li>· <b>12.6 Other adverse effects</b> No further relevant information available.</li> </ul>			

**SECTION 13: Disposal considerations**

<ul style="list-style-type: none"> <li>· <b>13.1 Waste treatment methods</b></li> <li>· Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system.</li> </ul>	
· 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

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08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
HP3	Flammable
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP14	Ecotoxic

· Uncleaned packaging:

· Recommendation:

Disposal must be made according to official regulations.

**SECTION 14: Transport information**

· <b>14.1 UN-Number</b> · ADR/RID/ADN, IMDG, IATA	UN1263
· <b>14.2 UN proper shipping name</b> · ADR/RID/ADN · IMDG · IATA	1263 PAINT RELATED MATERIAL, ENVIRONMENTALLY HAZARDOUS PAINT RELATED MATERIAL (Solvent naphtha (petroleum), light arom.), MARINE POLLUTANT PAINT RELATED MATERIAL
· <b>14.3 Transport hazard class(es)</b> · ADR/RID/ADN · Class · Label	3 (F1) Flammable liquids. 3
· IMDG, IATA · Class · Label	3 Flammable liquids. 3
· <b>14.4 Packing group</b> · ADR/RID/ADN, IMDG, IATA	III
· <b>14.5 Environmental hazards:</b> · Marine pollutant: · Special marking (ADR/RID/ADN):	Product contains environmentally hazardous substances: Solvent naphtha (petroleum), light arom. Yes Symbol (fish and tree) Symbol (fish and tree)
· <b>14.6 Special precautions for user</b> · Hazard identification number (Kemler code): · EMS Number: · Stowage Category	Warning: Flammable liquids. 30 F-E,S-E A
· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· Transport/Additional information:	
· ADR/RID/ADN · Limited quantities (LQ) · Excepted quantities (EQ) · Transport category · Tunnel restriction code	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml 3 D/E
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1263 PAINT RELATED MATERIAL, 3, III, ENVIRONMENTALLY HAZARDOUS

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**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  
P5c FLAMMABLE LIQUIDS
- 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:

· Technical instructions (air):

Class	Share in %
NK	100.0

**15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

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.

- Relevant phrases  
H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.

· Classification according to Regulation (EC) No 1272/2008  
The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Flammable liquids	On basis of test data
Skin corrosion/irritation Serious eye damage/eye irritation Specific target organ toxicity (single exposure) Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
Aspiration hazard	Expert judgement

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- Department issuing SDS:
- Contact:
- Abbreviations and acronyms:

Research and Development

Saïda El Asjadi, tel: +31 182 372177, e-mail: [safety@de-ijsel-coatings.nl](mailto:safety@de-ijsel-coatings.nl)

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

ICAO: International Civil Aviation Organisation

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)

VOC: Volatile Organic Compounds (USA, EU)

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

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

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

- Sources:

Literature data and/or investigation reports are available through the manufacturer.

- \* Data compared to the previous version altered.