

# ADIPOX PLUS Comp B



## Safety Data Sheet

according to Regulation (EU) 2015/830

Issue date: 5/15/2018

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Supersedes version of:

Version: 1.0

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

#### 1.1. Product identifier

Name : ADIPOX PLUS Comp B  
Product code : 50400, 50401

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Adhesives

##### 1.2.2. Uses advised against

No additional information available

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

ARDEX CEMENTO, S.A.  
Pol. Ind. Pla de Llerona C/Holanda 18  
E-08520 Les Franqueses del Vallès Barcelona - Spain  
T 0034 938 466 252  
[ardex@ardex.es](mailto:ardex@ardex.es)

#### 1.4. Emergency telephone number

Emergency number : 0034 938 466 252

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (inhalation:vapour) Category 4	H332
Skin corrosion/irritation, Category 1	H314
Serious eye damage/eye irritation, Category 1	H318
Skin sensitisation, Category 1	H317
Reproductive toxicity, Category 2	H361
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411

Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage. Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05



GHS07



GHS08



GHS09

Signal word (CLP) :

Danger

Hazardous ingredients

Tetraethylenepentamine; Fatty acids, tall-oil, reaction products with tetraethylenepentamine; 1,3-bis(aminomethyl)cyclohexane; trimethylhexane-1,6-diamine; salicylic acid; 3-aminopropyltriethoxysilane

Hazard statements (CLP)

H314 - Causes severe skin burns and eye damage.  
H317 - May cause an allergic skin reaction.  
H332 - Harmful if inhaled.  
H361 - Suspected of damaging fertility or the unborn child.  
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

P201 - Obtain special instructions before use.  
P261 - Avoid breathing dust, fume, gas, mist, spray, vapours.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection.  
P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.. Immediately call a POISON CENTER.  
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes.

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Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER.  
P391 - Collect spillage.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
m-phenylenebis(methylamine)	(CAS-No.) 1477-55-0 (EC-No.) 216-032-5 (REACH-no) 01-2119480150-50	7.5 – 20	Skin Sens. 1B, H317 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Fatty acids, tall-oil, reaction products with tetraethylenepentamine	(CAS-No.) 68953-36-6 (EC-No.) 273-201-6 (REACH-no) 01-2119487006-38	≥ 15	Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
1,3-bis(aminomethyl)cyclohexane	(CAS-No.) 2579-20-6 (EC-No.) 219-941-5 (REACH-no) 01-2119543741-41	3 – 10	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Phenol, styrolized	(CAS-No.) 61788-44-1 (EC-No.) 262-975-0 (REACH-no) 01-2119980970-27	3 – 10	Skin Irrit. 2, H315 Skin Sens. 1A, H317 Aquatic Chronic 2, H411
Tetraethylenepentamine	(CAS-No.) 112-57-2 (EC-No.) 203-986-2 (EC Index-No.) 612-060-00-0	< 8	Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Chronic 2, H411
salicylic acid	(CAS-No.) 69-72-7 (EC-No.) 200-712-3 (EC Index-No.) 607-732-00-5 (REACH-no) 01-2119486984-17	1.5 – 6	Repr. 2, H361d Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
3-aminopropyltriethoxysilane	(CAS-No.) 919-30-2 (EC-No.) 213-048-4 (EC Index-No.) 612-108-00-0 (REACH-no) 01-2119480479-24	3 – 5.25	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318
1-dodecanol	(CAS-No.) 112-53-8 (EC-No.) 203-982-0 (REACH-no) 01-2119485976-15	0.9 – 4	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
trimethylhexane-1,6-diamine	(CAS-No.) 25513-64-8 (EC-No.) 247-063-2 (REACH-no) 01-2119560598-25	1.5 – 4	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1, H317
diisopropyl-naphthalene	(CAS-No.) 38640-62-9 (EC-No.) 254-052-6 (REACH-no) 01-2119565150-48	0.9 – 3	Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects after skin contact	: Burns. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Serious damage to eyes.

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Symptoms/effects after ingestion : Burns.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Contains no substances with occupational exposure limits

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

Protective gloves. Type: Disposable gloves

Material: Nitrile rubber

Permeation: 6 (> 480 minutes)

Thickness: > 0.4 mm

Standard: EN 374

#### Eye protection:

Safety glasses

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### Skin and body protection:

Wear suitable protective clothing

### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment



### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: amber.
Odour	: Amine-like.
Odour threshold	: No data available
pH	: 12
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 100 °C ASTM D93
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.95 – 0.99 g/cm <sup>3</sup>
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 700 cP
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Harmful if inhaled.

ATE CLP (vapours)	11.613 mg/l/4h
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<b>m-phenylenebis(methylamine) (1477-55-0)</b>	
LD50 oral rat	930 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 3100 mg/kg bodyweight (24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	1.34 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol), 14 day(s))

<b>Tetraethylenepentamine (112-57-2)</b>	
LD50 oral rat	3990 mg/kg (Rat; Literature study; 3250 mg/kg bodyweight; Rat; Literature study)
LD50 dermal rabbit	660 mg/kg (Rabbit; Literature study; 660-1260 mg/kg bodyweight; Rabbit; Literature study)

<b>Fatty acids, tall-oil, reaction products with tetraethylenepentamine (68953-36-6)</b>	
LD50 oral rat	> 2000 mg/kg

<b>1,3-bis(aminomethyl)cyclohexane (2579-20-6)</b>	
LD50 oral rat	880 mg/kg (Rat, Oral)

<b>1-dodecanol (112-53-8)</b>	
LD50 oral rat	> 2000 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral)
LD50 dermal rabbit	8000 – 12000 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Experimental value, Dermal)
LC50 Inhalation - Rat	> 71 mg/l (1 h, Rat, Male / female, Read-across, Inhalation (mist))

<b>diisopropylnaphthalene (38640-62-9)</b>	
LD50 oral rat	4130 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 4500 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 5.64 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol), 14 day(s))

<b>Phenol, styrolized (61788-44-1)</b>	
LD50 oral rat	2500 mg/kg
LD50 dermal rabbit	> 7940 mg/kg

<b>salicylic acid (69-72-7)</b>	
LD50 oral rat	891 mg/kg bodyweight (Equivalent or similar to OECD 401, 14 day(s), Rat, Male, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
LD50 dermal rabbit	> 10000 mg/kg (Rabbit, Dermal)

<b>3-aminopropyltriethoxysilane (919-30-2)</b>	
LD50 oral rat	1.57 – 2.83 ml/kg (EPA OTS 798.1175, Rat, Male / female, Experimental value, Oral)
LD50 dermal rabbit	4.29 ml/kg (EPA OTS 798.1100, 24 h, Rabbit, Male / female, Experimental value, Dermal)
LC50 Inhalation - Rat [ppm]	> 5 ppm (OECD 403: Acute Inhalation Toxicity, 6 h, Rat, Male, Experimental value, Inhalation (vapours))

Skin corrosion/irritation	: Causes severe skin burns. pH: 12
Serious eye damage/irritation	: Causes serious eye damage. pH: 12
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.

<b>m-phenylenebis(methylamine) (1477-55-0)</b>	
LC50 - Fish [1]	87.6 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, <i>Oryzias latipes</i> , Semi-static system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	15.2 mg/l (OECD 202: <i>Daphnia</i> sp. Acute Immobilisation Test, 48 h, <i>Daphnia magna</i> , Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	33.3 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, <i>Pseudokirchneriella subcapitata</i> , Static system, Experimental value, Nominal concentration)
<b>Tetraethylenepentamine (112-57-2)</b>	
LC50 - Fish [2]	420 mg/l (LC50; EU Method C.1; 96 h; <i>Poecilia reticulata</i> ; Semi-static system; Fresh water; Experimental value)
EC50 - Crustacea [1]	24.1 mg/l (EC50; EU Method C.2; 48 h; <i>Daphnia magna</i> ; Static system)
Threshold limit - Algae [1]	0.5 mg/l (NOEC; OECD 201: Alga, Growth Inhibition Test; 72 h; <i>Selenastrum capricornutum</i> )
Threshold limit - Algae [2]	6.8 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; <i>Selenastrum capricornutum</i> )
<b>1,3-bis(aminomethyl)cyclohexane (2579-20-6)</b>	
LC50 - Fish [1]	130 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, <i>Leuciscus idus</i> , Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	65.4 mg/l (OECD 202: <i>Daphnia</i> sp. Acute Immobilisation Test, 48 h, <i>Daphnia magna</i> , Static system, Fresh water, Experimental value, GLP)
EC50 72h - Algae [1]	56.7 mg/l (OECD 201: Alga, Growth Inhibition Test, <i>Pseudokirchneriella subcapitata</i> , Static system, Fresh water, Experimental value, Growth rate)
<b>1-dodecanol (112-53-8)</b>	
LC50 - Fish [1]	1.01 mg/l (96 h, <i>Pimephales promelas</i> , Flow-through system)
EC50 - Crustacea [1]	320 mg/l (OECD 202: <i>Daphnia</i> sp. Acute Immobilisation Test, 48 h, <i>Daphnia magna</i> )
EC50 96h - Algae [1]	0.97 mg/l ( <i>Scenedesmus subspicatus</i> , Inhibition)
<b>diisopropylnaphthalene (38640-62-9)</b>	
LC50 - Fish [1]	> 0.5 mg/l (EU Method C.1, 96 h, <i>Leuciscus idus</i> , Semi-static system, Fresh water, Experimental value, GLP)
<b>Phenol, styrolized (61788-44-1)</b>	
EC50 - Crustacea [1]	> 0.249 mg/l (48 h, <i>Daphnia</i> sp., Literature study)
EC50 72h - Algae [1]	0.326 mg/l (Algae, Literature study)
<b>salicylic acid (69-72-7)</b>	
LC50 - Fish [1]	1370 mg/l (Equivalent or similar to OECD 203, 96 h, <i>Pimephales promelas</i> , Flow-through system, Fresh water, Read-across, Lethal)
EC50 - Crustacea [1]	870 mg/l (Equivalent or similar to OECD 202, 48 h, <i>Daphnia magna</i> , Static system, Fresh water, Experimental value, Locomotor effect)
EC50 72h - Algae [1]	> 100 mg/l (OECD 201: Alga, Growth Inhibition Test, <i>Desmodesmus subspicatus</i> , Experimental value)
<b>3-aminopropyltriethoxysilane (919-30-2)</b>	
LC50 - Fish [1]	> 934 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, <i>Brachydanio rerio</i> , Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	331 mg/l (OECD 202: <i>Daphnia</i> sp. Acute Immobilisation Test, 48 h, <i>Daphnia magna</i> , Static system, Fresh water, Experimental value, GLP)
ErC50 algae	> 1000 mg/l (EU Method C.3, 72 h, <i>Scenedesmus subspicatus</i> , Static system, Fresh water, Experimental value, GLP)

#### 12.2. Persistence and degradability

<b>m-phenylenebis(methylamine) (1477-55-0)</b>	
Persistence and degradability	Not readily biodegradable in water.
<b>Tetraethylenepentamine (112-57-2)</b>	
Persistence and degradability	Not readily biodegradable in water. Low potential for mobility in soil. Adsorbs into the soil.
<b>1,3-bis(aminomethyl)cyclohexane (2579-20-6)</b>	
Persistence and degradability	Biodegradability in soil: no data available. Not readily biodegradable in water.
<b>1-dodecanol (112-53-8)</b>	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
ThOD	3.09 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0.3
<b>diisopropylnaphthalene (38640-62-9)</b>	
Persistence and degradability	Not readily biodegradable in water.

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<b>Phenol, styrolized (61788-44-1)</b>	
Persistence and degradability	Biodegradability in soil: no data available. Not readily biodegradable in water.
<b>salicylic acid (69-72-7)</b>	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.95 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1.58 g O <sub>2</sub> /g substance
ThOD	1.623 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0.41 – 0.6
<b>3-aminopropyltriethoxysilane (919-30-2)</b>	
Persistence and degradability	Not readily biodegradable in water.
<b>12.3. Bioaccumulative potential</b>	
<b>m-phenylenebis(methylamine) (1477-55-0)</b>	
Partition coefficient n-octanol/water (Log Pow)	0.18 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
<b>Tetraethylenepentamine (112-57-2)</b>	
BCF - Other aquatic organisms [1]	4.2 (BCF)
Partition coefficient n-octanol/water (Log Pow)	-3.16 (Calculated; EPIWIN)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
<b>1,3-bis(aminomethyl)cyclohexane (2579-20-6)</b>	
Partition coefficient n-octanol/water (Log Pow)	0.69 – 0.78 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 21.5 - 24.7 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
<b>1-dodecanol (112-53-8)</b>	
Partition coefficient n-octanol/water (Log Pow)	5.13 (Experimental value)
Bioaccumulative potential	Bioaccumable.
<b>diisopropylnaphthalene (38640-62-9)</b>	
BCF - Fish [1]	770 – 6400 (OECD 305: Bioconcentration: Flow-Through Fish Test, 35 day(s), Cyprinus carpio, Flow-through system, Fresh water, Experimental value, GLP)
Partition coefficient n-octanol/water (Log Pow)	6.081 (Calculated, US EPA)
Bioaccumulative potential	High potential for bioaccumulation (BCF > 5000).
<b>Phenol, styrolized (61788-44-1)</b>	
Partition coefficient n-octanol/water (Log Pow)	6.24 – 7.77 (Experimental value, OECD 123: Partition Coefficient (1-Octanol/Water): Slow-Stirring Method)
Bioaccumulative potential	High potential for bioaccumulation (Log Kow > 5).
<b>salicylic acid (69-72-7)</b>	
Partition coefficient n-octanol/water (Log Pow)	2.25 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
<b>3-aminopropyltriethoxysilane (919-30-2)</b>	
BCF - Fish [1]	3.4 (OECD 305: Bioconcentration: Flow-Through Fish Test, 8 week(s), Cyprinus carpio, Flow-through system, Fresh water, Experimental value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	1.7 (QSAR, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
<b>12.4. Mobility in soil</b>	
<b>m-phenylenebis(methylamine) (1477-55-0)</b>	
Surface tension	No data available in the literature
Partition coefficient n-octanol/water (Log Koc)	3.11 (log Koc, QSAR)
Ecology - soil	Low potential for mobility in soil.
<b>1,3-bis(aminomethyl)cyclohexane (2579-20-6)</b>	
Partition coefficient n-octanol/water (Log Koc)	1.473 (log Koc, Calculated value)
<b>1-dodecanol (112-53-8)</b>	
Surface tension	31.8 mN/m (23 °C, 6.4 mg/l)
Ecology - soil	Adsorbs into the soil.
<b>diisopropylnaphthalene (38640-62-9)</b>	
Surface tension	No data available in the literature
Partition coefficient n-octanol/water (Log Koc)	4.558 (log Koc, QSAR)
Ecology - soil	Low potential for mobility in soil.



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Phenol, styrolized (61788-44-1)	
Ecology - soil	No (test)data on mobility of the substance available.
salicylic acid (69-72-7)	
Partition coefficient n-octanol/water (Log Koc)	1.54 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Ecology - soil	Highly mobile in soil.
3-aminopropyltriethoxysilane (919-30-2)	
Ecology - soil	No (test)data on mobility of the substance available.

### 12.5. Results of PBT and vPvB assessment

Component	
m-phenylenebis(methylamine) (1477-55-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
salicylic acid (69-72-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
3-aminopropyltriethoxysilane (919-30-2)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
diisopropyl naphthalene (38640-62-9)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

No additional information available






## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
2735	2735	2735	2735	2735
14.2. UN proper shipping name				
AMINES, LIQUID, CORROSIVE, N.O.S. (m-Xylylendiamine)	AMINES, LIQUID, CORROSIVE, N.O.S. (m-Xylylendiamine)	Amines, liquid, corrosive, n.o.s. (m-Xylylendiamine)	AMINES, LIQUID, CORROSIVE, N.O.S. (m-Xylylendiamine)	AMINES, LIQUID, CORROSIVE, N.O.S. (m-Xylylendiamine)
Transport document description				
UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (m-Xylylendiamine), 8, II, (E), ENVIRONMENTALLY HAZARDOUS	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (m-Xylylendiamine), 8, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 2735 Amines, liquid, corrosive, n.o.s. (m-Xylylendiamine), 8, II, ENVIRONMENTALLY HAZARDOUS	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (m-Xylylendiamine), 8, II, ENVIRONMENTALLY HAZARDOUS	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (m-Xylylendiamine), 8, II, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)				
8	8	8	8	8
				
14.4. Packing group				
II	II	II	II	II
14.5. Environmental hazards				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes
No supplementary information available				

### 14.6. Special precautions for user

#### - Overland transport

Classification code (ADR) : C7  
 Limited quantities (ADR) : 1I  
 Excepted quantities (ADR) : E2  
 Transport category (ADR) : 2



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Orange plates

:



Tunnel restriction code (ADR)

: E

EAC code

: 2X

APP code

: B

### - Transport by sea

Special provisions (IMDG)

: 274

EmS-No. (Fire)

: F-A

EmS-No. (Spillage)

: S-B

Segregation (IMDG)

: SG35

### - Air transport

PCA Excepted quantities (IATA)

: E2

PCA Limited quantities (IATA)

: Y840

PCA limited quantity max net quantity (IATA)

: 0.5L

PCA max net quantity (IATA)

: 1L

### - Inland waterway transport

Classification code (ADN)

: C7

Limited quantities (ADN)

: 1 L

Excepted quantities (ADN)

: E2

### - Rail transport

Classification code (RID)

: C7

Limited quantities (RID)

: 1L

Excepted quantities (RID)

: E2

Transport category (RID)

: 2

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Repr. 2	Reproductive toxicity, Category 2
Repr. 2	Reproductive toxicity, Category 2

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Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
Skin Sens. 1B	Skin sensitisation, category 1B
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H361	Suspected of damaging fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*