

## Safety Data Sheet

according to WHS Regulations

Printing date 12.07.2018

Version number 12

Revision: 12.07.2018

Hazardous according to criteria of Australian Safety and Compensation Council.

### 1 Identification

- **Product identifier**
- **Trade name** Okapox Beschleuniger
- **Relevant identified uses of the substance or mixture and uses advised against** none
- **Sector of Use** **SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)**
- **Application of the substance / the mixture** **Accelerator**
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** Polyflor Australia  
101 Prosperity Way,  
Dandenong South VIC 3175
- Orders & Enquiries T | 1800 777 425**
- E | technical@polyflor.com.au**
- **Informing department:** **Laboratory, departments of environmental protection and labor protection**
- **Emergency telephone number:** **Poison Information Center Freiburg Tel.: +49(0)761/ 19240 (24h German and English)**

### 2 Hazard(s) Identification

- **Classification of the substance or mixture**



flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



Acute Tox. 4 H302 Harmful if swallowed.

Acute Tox. 4 H312 Harmful in contact with skin.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

- **Label elements**

- **GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

- **Hazard pictograms**



GHS02 GHS07

- **Signal word**

Danger

(Contd. on page 2)

AU

## Safety Data Sheet

according to WHS Regulations

Printing date 12.07.2018

Version number 12

Revision: 12.07.2018

Trade name Okapox Beschleuniger

(Contd. of page 1)

- **Hazard-determining components of labelling:** **2,4,6-tris(dimethylaminomethyl)phenol**
- **Hazard statements** **Highly flammable liquid and vapour.**  
**Harmful if swallowed.**  
**Harmful in contact with skin.**  
**Causes skin irritation.**  
**Causes serious eye irritation.**
- **Precautionary statements** **Keep away from heat/sparks/open flames/hot surfaces. No smoking.**  
**Keep container tightly closed.**  
**Ground/bond container and receiving equipment.**  
**Use explosion-proof electrical/ventilating/lighting equipment.**  
**Use only non-sparking tools.**  
**Take precautionary measures against static discharge.**  
**Wash thoroughly after handling.**  
**Do not eat, drink or smoke when using this product.**  
**Wear protective gloves/protective clothing/eye protection/face protection.**  
**IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.**  
**Rinse mouth.**  
**Specific treatment (see on this label).**  
**IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.**  
**IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**  
**If skin irritation occurs: Get medical advice/attention.**  
**Take off contaminated clothing and wash it before reuse.**  
**If eye irritation persists: Get medical advice/attention.**  
**In case of fire: Use to extinguish: CO<sub>2</sub>, powder or water spray.**  
**Store in a well-ventilated place. Keep cool.**  
**Dispose of contents/container in accordance with local/regional/national/international regulations.**
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** **Not applicable.**
- **vPvB:** **Not applicable.**

### 3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**
- **Description:** **Solvent mixture with additives.**
- **Dangerous components:**

CAS: 90-72-2	2,4,6-tris(dimethylaminomethyl)phenol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2A, H319	50-100%
CAS: 64-17-5	ethanol ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2A, H319	2.5-<10%

(Contd. on page 3)

## Safety Data Sheet

according to WHS Regulations

Printing date 12.07.2018

Version number 12

Revision: 12.07.2018

Trade name Okapox Beschleuniger

(Contd. of page 2)

CAS: 10124-37-5	calcium nitrate, containing in the anhydrous state more than 16 per cent by weight of nitrogen	2.5-<10%
-----------------	--	----------

 Ox. Liq. 2, H272	
--	--

· Additional information

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

### 4 First Aid Measures

· Description of first aid measures

· General information

Immediately remove contaminated clothing.

· After inhalation

In case of unconsciousness bring patient into stable side position for transport.

· After skin contact

Instantly wash with water and soap and rinse thoroughly.

· After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

· After swallowing

Instantly call for doctor.

· Information for doctor

· Most important symptoms and effects, both acute and delayed

No further relevant information available.

· Indication of any immediate medical attention and special treatment needed

No further relevant information available.

### 5 Fire Fighting Measures

· Extinguishing media

 · Suitable extinguishing agents CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

· For safety reasons unsuitable extinguishing agents

Water with a full water jet.

· Special hazards arising from the substance or mixture

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

· Advice for firefighters

none

· Protective equipment:

Wear non-circulation breathing equipment and chemical-protective clothing. Do not inhale explosion gases or fire fumes.

### 6 Accidental Release Measures

· Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

· Environmental precautions:

Prevent material from reaching sewage system, holes and cellars.

(Contd. on page 4)

AU

## Safety Data Sheet

according to WHS Regulations

Printing date 12.07.2018

Version number 12

Revision: 12.07.2018

Trade name Okapox Beschleuniger

(Contd. of page 3)

- **Methods and material for containment and cleaning up:** Take-up with liquid binding material (sand, diatomaceous earth, acid binding agent, universal binding agent).  
Dispose of contaminated material as waste according to item 13.
- **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 information on disposal.

### 7 Handling and Storage

- **Handling**
- **Precautions for safe handling** Do not leave the container standing open.  
Store in cool, dry place in tightly closed containers.
- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store in cool location.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Keep container tightly sealed.  
Store in cool, dry conditions in well sealed containers.
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with critical values that require monitoring at the workplace:**
- |             |  |
|-------------|--|
| <b>CAS:</b> | 64-17-5 ethanol                                    |
| <b>WES</b>  | Long-term value: 1880 mg/m <sup>3</sup> , 1000 ppm |
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures** Keep away from foodstuffs, beverages and food.  
Instantly remove any soiled and impregnated garments.  
Wash hands during breaks and at the end of the work.  
Avoid contact with the eyes and skin.
- **Breathing equipment:** Not required.

(Contd. on page 5)

## Safety Data Sheet

according to WHS Regulations

Printing date 12.07.2018

Version number 12

Revision: 12.07.2018

Trade name Okapox Beschleuniger

## · Protection of hands:

(Contd. of page 4)  
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Protective gloves.

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

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

## · Material of gloves

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.

## · Eye protection:

Tightly sealed safety glasses.

### 9 Physical and Chemical Properties

## · Information on basic physical and chemical properties

## · Appearance:

Form:

Fluid

Colour:

According to product specification

## · Smell:

Characteristic

## · Odour threshold:

Not determined.

## · pH-value:

Not determined.

## · Change in condition

Melting point/freezing point:

Not determined

Initial boiling point and boiling range: 78 °C

## · Flash point:

&lt; 23 °C

## · Inflammability (solid, gaseous)

Not applicable.

## · Decomposition temperature:

Not determined.

## · Self-inflammability:

Product is not selfigniting.

## · Explosive properties:

Product is not explosive. However, formation of explosive air/steam mixtures is possible.

## · Critical values for explosion:

Lower:

Not determined.

Upper:

Not determined.

## · Steam pressure at 50 °C:

&lt;5 hPa

## · Density at 20 °C

 0.98442 g/cm<sup>3</sup>

## · Relative density

Not determined.

## · Vapour density

Not determined.

(Contd. on page 6)

AU

## Safety Data Sheet

according to WHS Regulations

Printing date 12.07.2018

Version number 12

Revision: 12.07.2018

Trade name Okapox Beschleuniger

(Contd. of page 5)

· <b>Evaporation rate</b>	<b>Not determined.</b>
· <b>Solubility in / Miscibility with Water:</b>	<b>less miscible</b>
· <b>Partition coefficient: n-octanol/water:</b>	<b>Not determined.</b>
· <b>Viscosity:</b>	
dynamic:	<b>Not determined.</b>
kinematic:	<b>Not determined.</b>
· <b>Solvent content:</b>	
Organic solvents:	<b>6.0 %</b>
· <b>Other information</b>	<b>No further relevant information available.</b>

### 10 Stability and Reactivity

· <b>Reactivity</b>	<b>No further relevant information available.</b>
· <b>Possibility of hazardous reactions</b>	<b>No dangerous reactions known</b>
· <b>Conditions to avoid</b>	<b>No further relevant information available.</b>
· <b>Incompatible materials:</b>	<b>No further relevant information available.</b>
· <b>Hazardous decomposition products:</b>	<b>None known.</b>

### 11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity**

 · **LD/LC50 values that are relevant for classification:**
**CAS: 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol**

Oral	LD50	1,653 mg/kg (rat)
------	------	-------------------

Dermal	LD50	>1,000 mg/kg (rat)
--------	------	--------------------

**CAS: 64-17-5 ethanol**

Dermal	LD50	>4,000 mg/kg (rab)
--------	------	--------------------

- **Primary irritant effect:**
- **Skin corrosion/irritation**      **Irritant for skin and mucous membranes.**
- **Serious eye damage/irritation**      **Irritant effect.**
- **Respiratory or skin sensitisation**      **No sensitizing effect known.**

 · **Additional toxicological information:**

**The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:**

**Harmful**  
**Irritant**

AU

(Contd. on page 7)

## Safety Data Sheet

according to WHS Regulations

Printing date 12.07.2018

Version number 12

Revision: 12.07.2018

Trade name Okapox Beschleuniger

(Contd. of page 6)

### 12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:**


CAS: 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol
LC 50 (96h) 180-240 mg/l (Oncorhynchus mykiss ( Regenbogenforelle))
CAS: 64-17-5 ethanol
LC 50 (96h) 11,200-13,000 mg/l (Oncorhynchus mykiss ( Regenbogenforelle))
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water.  
 Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** Disposal according to official regulations
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **UN-Number**
- **ADG, IMDG, IATA** UN1993
- **UN proper shipping name**
- **ADG** 1993 FLAMMABLE LIQUID, N.O.S. mixture (vapour pressure at 50°C not more than 110 kPa)
- **IMDG, IATA** FLAMMABLE LIQUID, N.O.S. mixture
- **Transport hazard class(es)**
- **ADG, IMDG, IATA**
- 
- **Class** 3 Flammable liquids.
- **Label** 3

(Contd. on page 8)

## Safety Data Sheet

according to WHS Regulations

Printing date 12.07.2018

Version number 12

Revision: 12.07.2018

Trade name Okapox Beschleuniger

(Contd. of page 7)

· <b>Packing group</b>	<b>II</b>
· <b>ADG, IMDG, IATA</b>	
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	<b>No</b>
· <b>Special precautions for user</b>	<b>Warning: Flammable liquids.</b>
· <b>Kemler Number:</b>	<b>33</b>
· <b>EMS Number:</b>	<b>F-E, S-E</b>
· <b>Stowage Category</b>	<b>B</b>
· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	<b>Not applicable.</b>
· <b>Transport/Additional information:</b>	
· <b>ADG</b>	
· <b>Limited quantities (LQ)</b>	<b>1L</b>
· <b>Excepted quantities (EQ)</b>	<b>Code: E2</b>
	<b>Maximum net quantity per inner packaging: 30 ml</b>
	<b>Maximum net quantity per outer packaging: 500 ml</b>
· <b>Transport category</b>	<b>2</b>
· <b>Tunnel restriction code</b>	<b>D/E</b>
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	<b>1L</b>
· <b>Excepted quantities (EQ)</b>	<b>Code: E2</b>
	<b>Maximum net quantity per inner packaging: 30 ml</b>
	<b>Maximum net quantity per outer packaging: 500 ml</b>
· <b>UN "Model Regulation":</b>	<b>UN 1993 FLAMMABLE LIQUID, N.O.S. MIXTURE (VAPOUR PRESSURE AT 50°C NOT MORE THAN 110 KPA), 3, II</b>

### 15 Regulatory information

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

· Australian Inventory of Chemical Substances

All ingredients are listed.

· Standard for the Uniform Scheduling of Medicines and Poisons

None of the ingredients is listed.

· GHS label elements

The product is classified and labelled according to the Globally Harmonised System (GHS).

· Hazard pictograms



GHS02 GHS07

· Signal word

Danger

(Contd. on page 9)

## Safety Data Sheet

according to WHS Regulations

Printing date 12.07.2018

Version number 12

Revision: 12.07.2018

Trade name Okapox Beschleuniger

(Contd. of page 8)

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>· Hazard-determining components of labelling:</li> <li>· Hazard statements</li> <li>· Precautionary statements</li> </ul>   | <p><b>2,4,6-tris(dimethylaminomethyl)phenol</b><br/> <b>Highly flammable liquid and vapour.</b><br/> <b>Harmful if swallowed.</b><br/> <b>Harmful in contact with skin.</b><br/> <b>Causes skin irritation.</b><br/> <b>Causes serious eye irritation.</b></p> <p><b>Keep away from heat/sparks/open flames/hot surfaces. No smoking.</b><br/> <b>Keep container tightly closed.</b><br/> <b>Ground/bond container and receiving equipment.</b><br/> <b>Use explosion-proof electrical/ventilating/lighting equipment.</b><br/> <b>Use only non-sparking tools.</b><br/> <b>Take precautionary measures against static discharge.</b><br/> <b>Wash thoroughly after handling.</b><br/> <b>Do not eat, drink or smoke when using this product.</b><br/> <b>Wear protective gloves/protective clothing/eye protection/face protection.</b><br/> <b>IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.</b><br/> <b>Rinse mouth.</b><br/> <b>Specific treatment (see on this label).</b><br/> <b>IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</b><br/> <b>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</b><br/> <b>If skin irritation occurs: Get medical advice/attention.</b><br/> <b>Take off contaminated clothing and wash it before reuse.</b><br/> <b>If eye irritation persists: Get medical advice/attention.</b><br/> <b>In case of fire: Use to extinguish: CO2, powder or water spray.</b><br/> <b>Store in a well-ventilated place. Keep cool.</b><br/> <b>Dispose of contents/container in accordance with local/regional/national/international regulations.</b></p> |
| <ul style="list-style-type: none"> <li>· Directive 2012/18/EU</li> <li>· Named dangerous substances - ANNEX I</li> <li>· Seveso category</li> <li>· Qualifying quantity (tonnes) for the application of lower-tier requirements</li> <li>· Qualifying quantity (tonnes) for the application of upper-tier requirements</li> <li>· Chemical safety assessment:</li> </ul> | <p><b>None of the ingredients is listed.</b><br/> <b>P5c FLAMMABLE LIQUIDS</b></p> <p><b>5,000 t</b></p> <p><b>50,000 t</b></p> <p><b>A Chemical Safety Assessment has not been carried out.</b></p>  |

### 16 Other information

**This information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. It does not constitute a legal warranty regulations. The delivery specifications are contained in the corresponding product sheet.**

(Contd. on page 10)

## Safety Data Sheet

### according to WHS Regulations

Printing date 12.07.2018

Version number 12

Revision: 12.07.2018

Trade name Okapox Beschleuniger

(Contd. of page 9)

- **Relevant phrases**
  - H225 Highly flammable liquid and vapour.**
  - H272 May intensify fire; oxidiser.**
  - H302 Harmful if swallowed.**
  - H312 Harmful in contact with skin.**
  - H315 Causes skin irritation.**
  - H319 Causes serious eye irritation.**
- **Abbreviations and acronyms:**
  - ADR: Accord européen sur le transport 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**
  - 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)**
  - 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**
  - Ox. Liq. 2: Oxidizing liquids – Category 2**
  - Acute Tox. 4: Acute toxicity – Category 4**
  - Skin Irrit. 2: Skin corrosion/irritation – Category 2**
  - Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A**
- **\* Data compared to the previous version altered.**
- **Comment**
  - The information is based on our knowledge we do have so far. However it is not a confirmation of product features and does not establish contractual legal relationship. Use, operation and processing are the responsibility of the customer.**

AU