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

### 1.1. Product identifier

Name of product POLINIT

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

No information available.

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

**Manufacturer/distributor** TPH Bausysteme GmbH  
Nordportbogen 8, D-22848 Norderstedt  
Phone +49 (0)40 / 52 90 66 78-0, Fax +49 (0)40 / 52 90 66  
78-78  
E-Mail info@tph-bausysteme.com  
Internet www.tph-bausysteme.com

### Advice

Research & Development  
E-mail (competent person):  
j.guenther@tph-bausysteme.com

### 1.4. Emergency telephone number

#### Emergency advice

Phone +49 (0)40 / 52 90 66 78-52

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**

#### Additional hints

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

### 2.2. Label elements

**Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]**

No information available.

### 2.3. Other hazards

No information available.

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## SECTION 3: Composition/ information on ingredients

### 3.1. Substances

not applicable

### 3.2. Mixtures

#### Additional advice

no

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated soaked clothing immediately.  
Take affected person into fresh air.

#### In case of inhalation

Ensure of fresh air.  
In the event of symptoms refer for medical treatment.

#### In case of skin contact

In case of contact with skin wash off immediately with soap and water.  
Consult a doctor if skin irritation persists.

#### In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

#### In case of ingestion

Do not give liquid drinks.  
Do not induce vomiting.  
Seek medical advice immediately.  
Rinse out mouth thoroughly with water.

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

No information available.

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

No information available.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Alcohol-resistant foam  
Dry powder  
Carbon dioxide  
Water spray jet

#### Unsuitable extinguishing media

alcohol-resistant foam

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

no

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

#### Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.  
Collect contaminated firefighting water separately, must not be discharged into the drains.

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## **SECTION 6: Accidental release measures**

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

#### **For non-emergency personnel**

Use personal protective clothing.  
High risk of slipping due to leakage/spillage of product.

### **6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.  
Prevent spread over a wide area (e.g. by containment or oil barriers).

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

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).  
After taking up the material dispose according to regulation.

#### **Additional Information**

Informations for disposal see chapter 13.

### **6.4. Reference to other sections**

No information available.

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## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

#### **General protective measures**

Avoid contact with the eyes.

#### **Hygiene measures**

At work do not eat, drink and smoke.  
Remove soiled or soaked clothing immediately.  
Keep separated from food and feed.  
Wash hands before breaks and after work.

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

#### **Requirements for storage rooms and vessels**

Keep only in original container.

#### **Advice on storage compatibility**

no

#### **Further information on storage conditions**

Protect from frost. After freezing product is not usable any longer.  
Keep container dry, tightly closed and store at cool and aired place.

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

No information available.

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No information available.

### 8.2. Exposure controls

#### Respiratory protection

no

#### Hand protection

Synthetic rubber gloves

#### Eye protection

tightly fitting goggles

#### Other protection measures

protective clothing

## SECTION 9: Physical and chemical properties

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

#### Appearance

liquid

#### Colour

white

#### Odour

almost odourless

#### Odour threshold

not determined

### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>pH value</b>	ca. 7,5	20 °C			
<b>Acid number</b>	not determined				
<b>boiling point</b>	100 °C				
<b>melting point</b>	not applicable				
<b>Flash point</b>	not applicable				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not applicable				
<b>Flammability (gas)</b>	not applicable				
<b>Ignition temperature</b>	not applicable				
<b>Self ignition temperature</b>	not applicable				
<b>Lower explosion limit</b>	not applicable				
<b>Upper explosion limit</b>	not applicable				

	Value	Temperature	at	Method	Remark
<b>Vapour pressure</b>	23 hPa	20 °C			
<b>Relative density</b>	1,01 - 1,02 g/cm <sup>3</sup>	20 °C		DIN EN ISO 3675	
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>					miscible
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity dynamic</b>	8 - 15 mPa*s			DIN EN ISO 2555	
<b>Solvent content</b>	0 %				
<b>Water content</b>	not determined				
<b>Solids content</b>	not determined				
<b>Combustion value</b>	not applicable				
<b>Oxidising properties</b>	no				
<b>Explosive properties</b>	no				
<b>9.2. Other information</b>	No information available.				

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

No information available.

### 10.3. Possibility of hazardous reactions

No information available.

### 10.4. Conditions to avoid

No hazardous reactions known.

### 10.5. Incompatible materials

#### Substances to avoid

No hazardous reactions known.

## 10.6. Hazardous decomposition products

### Thermal decomposition

Remark No decomposition if used as directed.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	2000 - 10000 mg/kg	rat		
<b>LD50 acute dermal</b>	No data available			
<b>LC50 acute inhalation</b>	No data available			
<b>Skin irritation</b>	non-irritant		OECD 404	
<b>Eye irritation</b>	non-irritant			
<b>Skin sensitization</b>	non-sensitizing			
<b>Sensitization respiratory system</b>	non-sensitizing			

#### Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
<b>Subacute Toxicity</b>	No data available			
<b>Subchronic Toxicity</b>	No data available			
<b>Chronic Toxicity</b>	No data available			
<b>Mutagenicity</b>	No data available			
<b>Reproduction-Toxicity</b>	No data available			
<b>Carcinogenicity</b>	No data available			

#### Specific target organ toxicity (single exposure)

No information available.

**Specific target organ toxicity (repeated exposure)**

No information available.

**Aspiration hazard**

No information available.

**Toxicity test (Additional information)**

no

**Experiences made from practice**

No information available.

**Additional information**

No toxic effects according to current level of knowledge.

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicological effects**

	Value	Species	Method	Validation
<b>Fish</b>	LC50 > 100 mg/l (96 h)	Brachidanio rerio	OECD 203	
<b>Daphnia</b>	EC50 > 100 mg/l (48 h)	Daphnia magna	OECD 202	
<b>Algae</b>	EC50 > 100 mg/l (72 h)	Scenedesmus subspicatus	OECD 201	
<b>Bacteria</b>	EC20 > 100 mg/l (0,5 h)	activated sludge (kom.)	ISO 8192B / OECD 210 / EEC 88/302 C	

**12.2. Persistence and degradability**

	Elimination rate	Method of analysis	Method	Validation
<b>Physico-chemical degradability</b>	No data available			
<b>Biological degradability</b>				Moderately/partially biodegradable
<b>Degradability</b>	No data available			
<b>Biological eliminability</b>	No data available			
<b>Degradability according to WRMG</b>	No data available			

**12.3. Bioaccumulative potential**

No specific test data available. No indications of critical characteristics.

**12.4. Mobility in soil**

No information available.

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

No information available.

**12.6. Other adverse effects**

no

**Behaviour in sewage plant**

No information available.

**Respiration inhibition of activated sludge**

	Value	Method	Remark
<b>EC 50</b>	not determined		

**Additional ecological information**

	Value	Method	Remark
<b>OC</b>	not determined		
<b>COD</b>	not determined		
<b>BOD</b>	not determined		
<b>AOX</b>	not applicable		

**Contains following heavy metals and compounds of the 76/464/EWG**

no

**General regulation**

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Waste code No.	Name of waste
07 02 08*	other still bottoms and reaction residues

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

**Recommendations for the product**

Remove in accordance with local official regulations.

**Recommendations for packaging**

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

**SECTION 14: Transport information**

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number</b>	-	-	-

	ADR/RID	IMDG	IATA-DGR
<b>14.2. UN proper shipping name</b>	-	-	-
<b>14.3. Transport hazard class(es)</b>	-	-	-
<b>14.4. Packing group</b>	-	-	-
<b>14.5. Environmental hazards</b>	-	-	-

**14.6. Special precautions for user**  
No information available.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
No information available.

**Land and inland navigation transport ADR/RID**  
No dangerous goods as defined by these transport regulations.

**Marine transport IMDG**  
No dangerous goods as defined by these transport regulations.

**Air transport ICAO/IATA-DGR**  
No dangerous goods as defined by these transport regulations.

**Transport/further information**  
No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

## SECTION 15: Regulatory information

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

**National regulations**

**Other regulations, restrictions and prohibition regulations**  
MAL-Code: 00-1 (Denmark)

**Water hazard class**                      1              Mixture-WGK

**15.2. Chemical Safety Assessment**  
No information available.

## SECTION 16: Other information

**Recommended uses and restrictions**  
National and local regulations concerning chemicals shall be observed.

**Further information**  
The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.