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

### **1.1. Product identifier**

**Name of product**

PUR-O-CRACK A-Komponente

### **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](mailto:info@tph-bausysteme.com)  
Internet [www.tph-bausysteme.com](http://www.tph-bausysteme.com)

**Advice**

E-mail (competent person):  
[sdb-info@tph-bausysteme.com](mailto:sdb-info@tph-bausysteme.com)

### **1.4. Emergency telephone number**

**Emergency advice**

GIZ-Nord  
Phone +49 (0)551 / 19240

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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**

#### **Description**

Polyol mixture with additives

#### **Hazardous ingredients**

**Hazardous ingredients (continued)**

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
107-98-2	203-539-1	1-methoxy-2-propanol	< 1	Flam. Liq. 3, H226 / STOT SE 3, H336
25322-69-4		Polypropylene glycol	>= 2,5 <= 10	Acute Tox. 4, H302
64742-48-9	265-150-3	Naphtha (petroleum), hydrotreated heavy	< 1	Flam. Liq. 3, H226 / Asp. Tox. 1, H304 / Aquatic Chronic 4, H413
770-35-4	212-222-7	1-Phenoxypropan-2-ol	> 1 < 5	Eye Irrit. 2, H319

**REACH**

CAS No	Name	REACH registration number
64742-48-9	Naphtha (petroleum), hydrotreated heavy	01-2119472146-39
770-35-4	1-Phenoxypropan-2-ol	01-2119486566-23

**Additional advice**

no

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**SECTION 4: First aid measures**
**4.1. Description of first aid measures**
**General information**

Remove contaminated soaked clothing immediately.

**In case of inhalation**

In case of inhalation remove the casualty into fresh air and seek medical advice.

**In case of skin contact**

In case of contact with skin wash off immediately with soap and water.

**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 induce vomiting.

Call for a doctor immediately.

Rinse out mouth and give plenty of water to drink.

**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**

Dry powder

Carbon dioxide

Water spray jet

**Unsuitable extinguishing media**

Full water jet

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

No information available.

## 5.3. Advice for firefighters

### Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Wear full protective clothing.

### 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

Ensure adequate ventilation.

Use personal protective clothing.

### 6.2. Environmental precautions

Do not discharge into the drains or bodies of water..

Do not discharge into the subsoil/soil.

### 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 eyes and skin

#### Hygiene measures

Remove soiled or soaked clothing immediately.

Keep away from food and drink.

Keep separated from food and feed.

Wash hands before breaks and after work.

#### Advice on protection against fire and explosion

No special measures necessary.

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

### Requirements for storage rooms and vessels

Prevent penetration into the ground.

### Advice on storage compatibility

no

### Further information on storage conditions

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

#### Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2004/37/EC, 2006/15/EC or 2009/161/EU)

CAS No	Name	Code	[mg/m <sup>3</sup> ]	[ppm]	Remark
107-98-2	1-methoxy-2-propanol	8 hours Short-term	375 568	100 150	skin
<b>biological limits (TRGS 903)</b>					
CAS No	Name	Parameter	BGW	Examination material	Test date
107-98-2	1-methoxypropan-2-ol	1-Methoxypropan-2-ol	15 mg/l	U	b

### 8.2. Exposure controls

#### Respiratory protection

If ventilation insufficient, wear respiratory protection.

Short term: filter apparatus, combination filter A-P2

#### Hand protection

Synthetic rubber gloves

#### Eye protection

tightly fitting goggles

#### Other protection measures

protective clothing

#### Appropriate engineering controls

no

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## SECTION 9: Physical and chemical properties

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

#### Appearance

liquid

#### Colour

yellowish

#### Odour

characteristic

#### Odour threshold

not determined

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>	not determined				
<b>Acid number</b>	not determined				
<b>boiling point</b>	> 200 °C				
<b>stock point</b>	not determined				
<b>Flash point</b>	> 200 °C				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not applicable				
<b>Flammability (gas)</b>	not applicable				
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>	no				
<b>Lower explosion limit</b>	not applicable				
<b>Upper explosion limit</b>	not applicable				
<b>Vapour pressure</b>	< 1 hPa	20 °C			
<b>Relative density</b>	ca. 0,99 g/cm <sup>3</sup>	23 °C		DIN EN ISO 2811-1	
<b>Bulk density</b>	not applicable				
<b>Vapour density</b>	not applicable				
<b>Solubility in water</b>					partially miscible
<b>Solubility/other</b>					soluble in most organic solvents
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity dynamic</b>	ca. 500 mPa*s	23 °C		DIN EN ISO 2555	
<b>Solvent separation test</b>	not determined				

	Value	Temperature	at	Method	Remark
<b>Solvent content</b>	0 %				
<b>Water content</b>	not determined				
<b>Solids content</b>	not applicable				
<b>Combustion value</b>	not applicable				
<b>Oxidising properties</b>					
no					
<b>Explosive properties</b>					
no					

#### 9.2. Other information

No information available.

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### 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

None, if handled according to order.

#### 10.5. Incompatible materials

##### Substances to avoid

No hazardous reactions known.

#### 10.6. Hazardous decomposition products

No dangerous composition products during appropriate storage and handling.

#### Thermal decomposition

Remark No decomposition if used as directed.

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### 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 mg/kg	rat		

	Value/Validation	Species	Method	Remark
<b>LD50 acute dermal</b>	not determined			
<b>LC50 acute inhalation</b>	not determined			
<b>Skin irritation</b>	non-irritant			
<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 toxicological data available.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicological effects

	Value	Species	Method	Validation
<b>Fish</b>	LC50 > 100 mg/l			
<b>Daphnia</b>	not determined			
<b>Algae</b>	not determined			
<b>Bacteria</b>	EC0 > 100 mg/l			

### 12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
<b>Physico-chemical degradability</b>	not determined			
<b>Biological degradability</b>				Slightly biodegradable
<b>Degradability</b>	not applicable			
<b>Biological eliminability</b>	not determined			
<b>Degradability according to WRMG</b>	not determined			

### 12.3. Bioaccumulative potential

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.

### 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

Obtain approval of the relevant authorities before discharging into sewage treatment plants.

#### Respiration inhibition of activated sluge

	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 applicable		
<b>AOX</b>	not applicable		

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

no

**General regulation**

Ecological dates are not available.

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

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Waste code No.</b>	<b>Name of waste</b>
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**

In accordance with regulations for special waste, must be taken, after pretreatment, to an authorised special waste incineration plant.

**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.

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## SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number</b>	-	-	-
<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>	-	-	-
<b>14.6. Special precautions for user</b>			
No information available.			

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**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.

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## 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: 00-3 (Denmark)

MAL-kode (Denmark): 00-5 (Ready-for-use mixture)

**Water hazard class** 1 Mixture-WGK

### 15.2. Chemical Safety Assessment

No information available.

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## 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.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 4.4

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H413 May cause long lasting harmful effects to aquatic life.