

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

**1.1. Product identifier**

**Name of product** PUR-O-RIP LV 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  
Internet www.tph-bausysteme.com

**Advice**

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

**1.4. Emergency telephone number**

**Emergency advice**

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

**SECTION 2: Hazards identification**

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

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

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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Acute Tox. 4	H302	
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**Hazard statements for health hazards**

H302 Harmful if swallowed.

**Additional hints**

This mixture is classified as hazardous according to Regulation (EC) No 1272/2008 [GHS].

**2.2. Label elements**

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



GHS07

**Signal word**

Warning

**Hazard statements for health hazards**

H302 Harmful if swallowed.

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## Precautionary Statements

### Prevention

- P264 Wash ... thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.

### Response

- P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

### Disposal

- P501 Dispose of contents/container to local waste disposal company.

### Hazardous ingredients for labeling

Polypropylene glycol

### 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

#### Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/ GHS]
25322-69-4		Polypropylene glycol	50 - 100	Acute Tox. 4, H302

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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

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 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 induce vomiting.

Call for a doctor immediately.

Rinse out mouth and give plenty of water to drink.

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**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**

**Treatment (Advice to doctor)**

Treat symptoms.

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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**

In case of fire formation of dangerous gases possible.

In the event of fire the following can be released:

Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</sub>)

**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**

Keep people away and stay on the upwind side.  
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.

## **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**

Do not inhale vapours.

#### **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.

#### **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**

Keep only in original container.

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

no

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

Keep container tightly closed and store at cool and aired place.  
Storage: dry  
Storage temperature between 10°C to 30°C (=50°F to 86°F).  
Product is hygroscopic.

### **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**

If ventilation insufficient, wear respiratory protection.

#### **Hand protection**

Synthetic rubber gloves

#### **Eye protection**

tightly fitting goggles

#### **Other protection measures**

protective clothing

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**SECTION 9: Physical and chemical properties**

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

**Appearance**  
liquid

**Colour**  
colourless

**Odour**  
almost odourless

**Odour threshold**  
not determined

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>	4,5 - 5,5				
<b>Acid number</b>	not applicable				
<b>boiling range</b>	288 - 310 °C				
<b>stock point</b>	-49 °C				
<b>Flash point</b>	> 190 °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. 1,01 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>					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				

	Value	Temperature	at	Method	Remark
<b>Viscosity dynamic</b>	ca. 60 mPa*s	23 °C		DIN EN ISO 2555	
<b>Solvent separation test</b>	not determined				
<b>Solvent content</b>	0 %				
<b>Water content</b>	not determined				
<b>Solids content</b>	not applicable				
<b>Combustion value</b>	not determined				
<b>Oxidising properties</b>	no				
<b>Explosive properties</b>	no				
<b>9.2. Other information</b>	no				

## 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

Reactions with strong acids and alkalis.

Reactions with oxidising agents.

### 10.6. Hazardous decomposition products

No dangerous composition products during appropriate storage and handling.

### 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>	1000 - 2000 mg/kg	rat		
<b>LD50 acute dermal</b>	> 10000 mg/kg	rabbit		
<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>		not determined		

#### Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
<b>Subacute Toxicity</b>	not determined			
<b>Subchronic Toxicity</b>	not determined			
<b>Chronic Toxicity</b>	not determined			
<b>Mutagenicity</b>				No experimental information on genotoxicity in vitro available.
<b>Reproduction-Toxicity</b>	not determined			
<b>Carcinogenicity</b>	not determined			

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

No data available

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

No data available

#### Aspiration hazard

No data available

**Additional information**

The declarations of toxicology refer to main component.

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicological effects**

	Value	Species	Method	Validation
<b>Fish</b>	LC50 > 100 mg/l (96 h)	Pimephales promelas		
<b>Daphnia</b>	EC50 > 100 g/l (48 h)	Daphnia magna		
<b>Algae</b>	not determined			
<b>Bacteria</b>	not determined			

**12.2. Persistence and degradability**

	Elimination rate	Method of analysis	Method	Validation
<b>Physico-chemical degradability</b>	not determined			
<b>Biological degradability</b>	87 % (28 d)		OECD 301 F	
<b>Degradability</b>	not determined			
<b>Biological eliminability</b>	not determined			
<b>Degradability according to WRMG</b>	not determined			

**12.3. Bioaccumulative potential**

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

**12.4. Mobility in soil**

No data available

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

No information available.

**12.6. Other adverse effects**

**Behaviour in sewage plant**

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

**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**

Do not allow uncontrolled leakage of product into the environment.  
 The information to ecology refers to active substance.

**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>	-	-	-
<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.

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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**

ZH 1/118 "Working with health hazard substances (for the workers) (M 050)"

MAL-Code: 00-3 (Denmark)

**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: 4.2

H302      Harmful if swallowed.

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