

---

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

### 1.1. Product identifier

**Name of product** TRACKFIX PUR CAT

### 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

---

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Hazard statements for health hazards

H315 Causes skin irritation.  
H319 Causes serious eye irritation.

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

#### 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

H315 Causes skin irritation.  
H319 Causes serious eye irritation.

**Precautionary Statements****Prevention**

- P262 Do not get in eyes, on skin, or on clothing.  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

- P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

**Hazardous ingredients for labeling**

1,4-Diazabicyclooctane

**2.3. Other hazards****Results of PBT and vPvB assessment**

No data available

**SECTION 3: Composition/ information on ingredients****3.1. Substances**

not applicable

**3.2. Mixtures****Description**

Accelerator

**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/ GHS]
280-57-9	205-999-9	1,4-Diazabicyclooctane	25 - 50	Flam. Sol. 1, H228 / Acute Tox. 4, H302 / Skin Irrit. 2, H315 / Eye Dam. 1, H318 /

**REACH**

CAS No	Name	REACH registration number
280-57-9	1,4-Diazabicyclooctane	01-2119980944-22

**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.

Seek medical treatment immediately.

**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 induce vomiting.  
Call for a doctor 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**

**Treatment (Advice to doctor)**

Treat symptoms.

---

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Alcohol-resistant foam  
Dry powder  
Carbon dioxide  
Dry sand

**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:

Ammonia  
Nitrogen oxides (NOx)  
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.  
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.

---

**SECTION 6: Accidental release measures**

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

**For non-emergency personnel**

Use breathing apparatus if exposed to vapours/dust/aerosol.

**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).  
Take up with absorbent material (e.g. general-purpose binder).  
Do not take up with sawdust or other combustible materials.  
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

Avoid contact with eyes and skin

#### Hygiene measures

At work do not eat, drink and smoke.  
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 in closed original container.

#### Advice on storage compatibility

Do not store with acids.

#### Further information on storage conditions

Keep container dry, tightly closed and store at cool place.  
Keep container in a well-ventilated place

### 7.3. Specific end use(s)

No information available.

---

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No information available.

### 8.2. Exposure controls

#### Respiratory protection

In case of insufficient ventilation or long-term effect use breathing apparatus.

#### 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**  
colourless

**Odour**  
similar to ammonia

**Odour threshold**  
not determined

### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>pH value</b>	10,2				
<b>Acid number</b>	not determined				
<b>boiling range</b>	> 149 °C				
<b>melting point</b>	not determined				
<b>Flash point</b>	> 110 °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>	not determined				
<b>Lower explosion limit</b>	not applicable				
<b>Upper explosion limit</b>	not applicable				
<b>Vapour pressure</b>	2 Torr	21 °C			
<b>Relative density</b>	ca. 1,03 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>					soluble
<b>Solubility/other</b>			not determined		

	Value	Temperature	at	Method	Remark
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	No data available				
<b>Viscosity dynamic</b>	ca. 120 mPa*s	23 °C		DIN EN ISO 2555	
<b>Solvent separation test</b>	not determined				
<b>Solvent content</b>	not determined				
<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					

## 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

Corrodes copper and brass.

Reactions with peroxides.

### 10.5. Incompatible materials

#### Substances to avoid

Reactions with acids.

Reactions with oxidising agents.

Reactions with organic substances.

Reactions with various metals.

### 10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Nitrous oxides (NOx)

Aldehydes

Hydrocarbons  
Flammable gases/vapours  
Ammonia

#### 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>	3200 mg/kg	rat		
<b>LD50 acute dermal</b>	> 2000 mg/kg	rabbit		
<b>LC50 acute inhalation</b>	> 10,1 mg/l (1 h)	rat		
<b>Skin irritation</b>	low irritant effect	rabbit		
<b>Eye irritation</b>	low irritant	rabbit eye		
<b>Skin sensitization</b>	non-sensitizing			
<b>Sensitization respiratory system</b>	No data available			

#### 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 mutagenicity, after different in-vitro studies.
<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

**Toxicity test (Additional information)**

no

**Experiences made from practice**

no

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicological effects**

	Value	Species	Method	Validation
<b>Fish</b>	LC50 > 100 mg/l (96 h)	Cyprinus carpio	OECD 203	
<b>Daphnia</b>	EC50 > 100 mg/l (48 h)	Daphnia magna	OECD 202	
<b>Algae</b>	EC50 180 mg/l (72 h)	Selenastrum capricornutum	OECD 201	
<b>Bacteria</b>	EC50 356 mg/l (17 h)	Pseudomonas putida	DIN 38412 T.8	

### 12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
<b>Physico-chemical degradability</b>	not determined			
<b>Biological degradability</b>	not determined			
<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 data available

### 12.6. Other adverse effects

No data available



**Behaviour in sewage plant**  
not determined

**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

**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>	-	-	-

	ADR/RID	IMDG	IATA-DGR
<b>14.5. Environmental hazards</b>	-	-	-
<b>14.6. Special precautions for user</b> No information available.			
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> No information available.			
<b>Land and inland navigation transport ADR/RID</b> No dangerous goods as defined by these transport regulations.			
<b>Marine transport IMDG</b> No dangerous goods as defined by these transport regulations.			
<b>Air transport ICAO/IATA-DGR</b> No dangerous goods as defined by these transport regulations.			
<b>Transport/further information</b> 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

ZH 1/129 "Data Sheet: Irritating substances / corrosive substances (M 004)"

**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.

H228 Flammable solid.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.