

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 13 Feb 2023

Print date: 12 Apr 2023

Version: 3

**TPH.**  
waterproofing systems

## PUR-O-STOP KATALYSATOR

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

#### 1.1. Product identifier

Trade name/designation:

**PUR-O-STOP KATALYSATOR**

UFI:

HD2Y-DF3Q-M8KY-TH6V

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

No data available

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

Supplier (manufacturer/importer/only representative/downstream user/distributor):

**TPH Bausysteme GmbH**

Nordportbogen 8

22848 Norderstedt

Germany

**Telephone:** +49 40 52 90 66 78-0

**Telefax:** +49 40 52 90 66 78-78

**E-mail:** info@tph-bausysteme.com

**Website:** www.tph-bausysteme.com

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

#### 1.4. Emergency telephone number

24h: International access phone number: +1-813-248-0585 /// United States, Canada, Puerto Rico, U.S. Virgin Islands: 1-800-255-3924 (Contract No. MIS7249185) /// Australia: 1-300-954-583 /// Brazil: 0-800-591-6042 /// China: 400-120-0751 /// India: 000-800-100-4086 /// Mexico: 800-099-0731

### SECTION 2: Hazards identification

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

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

| Hazard classes and hazard categories               | Hazard statements                              | Classification procedure |
|----------------------------------------------------|------------------------------------------------|--------------------------|
| Skin corrosion/irritation ( <i>Skin Corr. 1B</i> ) | H314: Causes severe skin burns and eye damage. | Calculation method.      |

#### Additional information:

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2. Label elements

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

Hazard pictograms:



**GHS05**

Corrosion

**Signal word:** Danger

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### Hazard components for labelling:

bis(2-dimethylaminoethyl)(methyl)amine

#### Hazard statements for health hazards

|      |                                          |
|------|------------------------------------------|
| H314 | Causes severe skin burns and eye damage. |
|------|------------------------------------------|

### Supplemental hazard information: none

#### Precautionary statements Response

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

|                    |                                                                                                          |
|--------------------|----------------------------------------------------------------------------------------------------------|
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. |
|--------------------|----------------------------------------------------------------------------------------------------------|

|             |                                                                            |
|-------------|----------------------------------------------------------------------------|
| P304 + P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
|-------------|----------------------------------------------------------------------------|

|                    |                                                                                                                                  |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------|
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------|

#### Precautionary statements Disposal

|      |                                                                                 |
|------|---------------------------------------------------------------------------------|
| P501 | Dispose of contents/container to an appropriate recycling or disposal facility. |
|------|---------------------------------------------------------------------------------|

### 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients / Hazardous impurities / Stabilisers:

| Product identifiers                                                | Substance name<br>Classification according to Regulation (EC) No 1272/2008 [CLP]                                          | Concentration          |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------|
| CAS No.: 3030-47-5<br>EC No.: 221-201-1<br>Index No.: 612-109-00-6 | <b>bis(2-dimethylaminoethyl)(methyl)amine</b><br>Acute Tox. 3 (H311), Acute Tox. 4 (H302), Skin Corr. 1B (H314)<br>Danger | 2.5 - ≤ 10<br>weight-% |

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended. Warning First aider: Pay attention to self-protection!

#### Following inhalation:

Provide fresh air.

#### In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. Get immediate medical advice/attention.

#### After eye contact:

In case of contact with eyes, rinse immediately thoroughly with plenty of edible oil and consult an ophthalmologist.

#### Following ingestion:

Rinse mouth. Let water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell. Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Get immediate medical advice/attention.

#### Self-protection of the first aider:

Use personal protection equipment.

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

Skin corrosion/irritation

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

alcohol resistant foam Extinguishing powder Carbon dioxide (CO<sub>2</sub>) Water spray jet

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

#### Hazardous combustion products:

In case of fire: Gases/vapours, toxic

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

##### Personal precautions:

Remove persons to safety.

##### Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

#### 6.1.2. For emergency responders

##### Personal protection equipment:

Personal protection equipment: see section 8

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

#### For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

#### For cleaning up:

Solvents/Thinner

### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

#### Advices on safe handling:

Wear personal protection equipment (refer to section 8).

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## PUR-O-STOP KATALYSATOR

### Advices on general occupational hygiene

When using do not eat, drink or smoke. Avoid contact with eyes and skin.

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

#### Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

### 7.3. Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No data available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No data available

#### 8.2.2. Personal protection equipment

##### Eye/face protection:

Eye glasses with side protection EN 166

##### Skin protection:

Tested protective gloves must be worn EN ISO 374 Suitable material: Breakthrough time: min  
In the case of wanting to use the gloves again, clean them before taking off and air them well.  
Breakthrough times and swelling properties of the material must be taken into consideration.

##### Respiratory protection:

Filtering device with filter or ventilator filtering device of type: A A

#### 8.2.3. Environmental exposure controls

No data available

## SECTION 9: Physical and chemical properties

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

#### Appearance

**Physical state:** Liquid

**Colour:** light yellow

**Odour:** Amines

#### Safety relevant basis data

| Parameter                                    | Value                  | at °C | ① Method<br>② Remark |
|----------------------------------------------|------------------------|-------|----------------------|
| pH                                           | < 10.5                 |       |                      |
| Melting point                                | <i>not determined</i>  |       |                      |
| Freezing point                               | <i>not determined</i>  |       |                      |
| Initial boiling point and boiling range      | 198 °C                 |       |                      |
| Decomposition temperature                    | <i>not determined</i>  |       |                      |
| Flash point                                  | > 102 °C               |       |                      |
| Evaporation rate                             | <i>not determined</i>  |       |                      |
| Auto-ignition temperature                    | <i>not determined</i>  |       |                      |
| Upper/lower flammability or explosive limits | <i>not determined</i>  |       |                      |
| Vapour pressure                              | <i>not determined</i>  |       |                      |
| Vapour density                               | <i>not determined</i>  |       |                      |
| Density                                      | 0.91 g/cm <sup>3</sup> | 23 °C | ① DIN EN ISO 2811-1  |
| Relative density                             | <i>not determined</i>  |       |                      |
| Bulk density                                 | <i>not determined</i>  |       |                      |

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| Parameter                              | Value                 | at °C | ① Method<br>② Remark |
|----------------------------------------|-----------------------|-------|----------------------|
| Water solubility                       | Immiscible            |       |                      |
| Partition coefficient: n-octanol/water | <i>not determined</i> |       |                      |
| Dynamic viscosity                      | <i>not determined</i> |       |                      |
| Kinematic viscosity                    | <i>not determined</i> |       |                      |

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

No data available

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

No data available

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

**bis(2-dimethylaminoethyl)(methyl)amine** CAS No.: 3030-47-5 EC No.: 221-201-1

**LD<sub>50</sub> oral:** 1,330 mg/kg (Rat)

**LD<sub>50</sub> dermal:** >200 - 1,000 mg/kg (Rabbit)

**LC<sub>50</sub> Acute inhalation toxicity (vapour):** 2.05 mg/L 6 h (Rat)

#### Acute oral toxicity:

Based on available data, the classification criteria are not met.

#### Acute dermal toxicity:

Based on available data, the classification criteria are not met.

#### Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation:

Causes severe skin burns and eye damage.

#### Serious eye damage/irritation:

Based on available data, the classification criteria are not met.

#### Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

#### Carcinogenicity:

Based on available data, the classification criteria are not met.

#### Reproductive toxicity:

Based on available data, the classification criteria are not met.

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### STOT-single exposure:

Based on available data, the classification criteria are not met.

### STOT-repeated exposure:

Based on available data, the classification criteria are not met.

### Aspiration hazard:

Based on available data, the classification criteria are not met.

### Additional information:

No data available

### 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                                                    |
|------------------------------------------------------------------------------------|
| <b>bis(2-dimethylaminoethyl)(methyl)amine</b> CAS No.: 3030-47-5 EC No.: 221-201-1 |
|------------------------------------------------------------------------------------|

|                                                                                                       |
|-------------------------------------------------------------------------------------------------------|
| <b>LC<sub>50</sub></b> : 220 mg/L 4 d (fish, <i>Leuciscus idus</i> (golden orfe)) DIN 38412 / part 15 |
|-------------------------------------------------------------------------------------------------------|

|                                                                                                   |
|---------------------------------------------------------------------------------------------------|
| <b>LC<sub>50</sub></b> : 157 mg/L 4 d (fish, <i>Oncorhynchus mykiss</i> (Rainbow trout)) OECD 203 |
|---------------------------------------------------------------------------------------------------|

|                                                                                             |
|---------------------------------------------------------------------------------------------|
| <b>EC<sub>50</sub></b> : 54.9 mg/L 2 d (crustaceans, <i>Daphnia magna</i> (Big water flea)) |
|---------------------------------------------------------------------------------------------|

|                                                           |
|-----------------------------------------------------------|
| <b>NOEC</b> : 1,000 mg/L (Activated sludge) 0,5h OECD 209 |
|-----------------------------------------------------------|

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

|                                                                                    |
|------------------------------------------------------------------------------------|
| <b>bis(2-dimethylaminoethyl)(methyl)amine</b> CAS No.: 3030-47-5 EC No.: 221-201-1 |
|------------------------------------------------------------------------------------|

|                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------|
| <b>Results of PBT and vPvB assessment:</b> This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII. |
|---------------------------------------------------------------------------------------------------------------------|

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### 13.1.1. Product/Packaging disposal

#### Waste codes/waste designations according to EWC/AVV

#### Waste code product

|            |                                           |
|------------|-------------------------------------------|
| 07 01 08 * | other still bottoms and reaction residues |
|------------|-------------------------------------------|

\*: Evidence for disposal must be provided.

#### Waste treatment options

#### Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

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### SECTION 14: Transport information

| Land transport (ADR/RID)                                                                                                                                                                                                                                      | Inland waterway craft (ADN)                                                                                                                              | Sea transport (IMDG)                                                                                                                               | Air transport (ICAO-TI / IATA-DGR)                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>14.1. UN number or ID number</b>                                                                                                                                                                                                                           |                                                                                                                                                          |                                                                                                                                                    |                                                                                                                     |
| UN 2735                                                                                                                                                                                                                                                       | UN 2735                                                                                                                                                  | UN 2735                                                                                                                                            | UN 2735                                                                                                             |
| <b>14.2. UN proper shipping name</b>                                                                                                                                                                                                                          |                                                                                                                                                          |                                                                                                                                                    |                                                                                                                     |
| AMINES, LIQUID, CORROSIVE, N.O.S. (bis(2-dimethylaminoethyl) (methyl)amine)                                                                                                                                                                                   | AMINES, LIQUID, CORROSIVE, N.O.S. (bis(2-dimethylaminoethyl) (methyl)amine)                                                                              | AMINES, LIQUID, CORROSIVE, N.O.S. (bis(2-dimethylaminoethyl) (methyl)amine)                                                                        | AMINES, LIQUID, CORROSIVE, N.O.S. (bis(2-dimethylaminoethyl) (methyl)amine)                                         |
| <b>14.3. Transport hazard class(es)</b>                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                                    |                                                                                                                     |
| <br>8                                                                                                                                                                        | <br>8                                                                   | <br>8                                                             | <br>8                            |
| <b>14.4. Packing group</b>                                                                                                                                                                                                                                    |                                                                                                                                                          |                                                                                                                                                    |                                                                                                                     |
| II                                                                                                                                                                                                                                                            | II                                                                                                                                                       | II                                                                                                                                                 | II                                                                                                                  |
| <b>14.5. Environmental hazards</b>                                                                                                                                                                                                                            |                                                                                                                                                          |                                                                                                                                                    |                                                                                                                     |
| No                                                                                                                                                                                                                                                            | No                                                                                                                                                       | No                                                                                                                                                 | No                                                                                                                  |
| <b>14.6. Special precautions for user</b>                                                                                                                                                                                                                     |                                                                                                                                                          |                                                                                                                                                    |                                                                                                                     |
| <b>Special Provisions:</b><br>274<br><b>Limited quantity (LQ):</b><br>1 L<br><b>Excepted Quantities (EQ):</b><br>E2<br><b>Hazard identification number (Kemler No.):</b><br>80<br><b>Classification code:</b><br>C7<br><b>Tunnel restriction code:</b><br>(E) | <b>Special Provisions:</b><br>274<br><b>Limited quantity (LQ):</b><br>1 L<br><b>Excepted Quantities (EQ):</b><br>E2<br><b>Classification code:</b><br>C7 | <b>Special Provisions:</b><br>274<br><b>Limited quantity (LQ):</b><br>1 L<br><b>Excepted Quantities (EQ):</b><br>E2<br><b>EmS-No.:</b><br>F-A, S-B | <b>Special Provisions:</b><br>A3<br><b>Limited quantity (LQ):</b><br>Y840<br><b>Excepted Quantities (EQ):</b><br>E2 |

### 14.7. Maritime transport in bulk according to IMO instruments

No data available

### SECTION 15: Regulatory information

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

##### 15.1.1. EU legislation

No data available

##### 15.1.2. National regulations

###### [DE] National regulations

###### Water hazard class

###### WGK:

2 - deutlich wassergefährdend

###### Other regulations, restrictions and prohibition regulations

ZH 1/118 "Umgang mit gesundheitsgefährlichen Stoffen (für den Beschäftigten) (M 050)"

ZH 1/129 "Merkblatt: Reizende Stoffe/Ätzende Stoffe (M 004)"

###### [DK] National regulations

###### Other regulations, restrictions and prohibition regulations

MAL-kode (Denmark): 3-3

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### 15.2. Chemical Safety Assessment

No data available

## SECTION 16: Other information

### 16.1. Indication of changes

No data available

### 16.2. Abbreviations and acronyms

No data available

### 16.3. Key literature references and sources for data

No data available

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

| Hazard classes and hazard categories               | Hazard statements                              | Classification procedure |
|----------------------------------------------------|------------------------------------------------|--------------------------|
| Skin corrosion/irritation ( <i>Skin Corr. 1B</i> ) | H314: Causes severe skin burns and eye damage. | Calculation method.      |

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

| Hazard statements |                                          |
|-------------------|------------------------------------------|
| H302              | Harmful if swallowed.                    |
| H311              | Toxic in contact with skin.              |
| H314              | Causes severe skin burns and eye damage. |

### 16.6. Training advice

No data available

### 16.7. Additional information

No data available