

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

1.1. Product identifier

Name of product RUBBERCLEAN

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 |
|--------------------------------------|-------------------|--------------------------|
|--------------------------------------|-------------------|--------------------------|

| | | |
|-------------|------|--|
| Asp. Tox. 1 | H304 | |
|-------------|------|--|

Hazard statements for health hazards

H304 May be fatal if swallowed and enters airways.

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]



GHS08

Signal word

Danger

Hazard statements for health hazards

H304 May be fatal if swallowed and enters airways.

Precautionary Statements

Response

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.

Storage

P405 Store locked up.

Disposal

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

Hazardous ingredients for labeling

Hydrocarbons, C11-C12, isoalkanes, < 2 % aromatics

Supplemental Hazard information (EU)

Health properties

Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

No information available.

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Description

Cleaner for injection pumps

Hazardous ingredients

| CAS No | EC No | Name | [% weight] | Classification according to Regulation (EC) No 1272/2008 [CLP/ GHS] |
|--------|-----------|--|------------|---|
| - | 918-167-1 | Hydrocarbons, C11-C12, isoalkanes, < 2 % aromatics | <= 100 | Asp. Tox. 1, H304 |

REACH

| CAS No | Name | REACH registration number |
|--------|--|---------------------------|
| - | Hydrocarbons, C11-C12, isoalkanes, < 2 % aromatics | 01-2119472146-39 |

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately.
Take away from danger area and lay down affected person.

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 induce vomiting.
Call for a doctor immediately.
Rinse out mouth thoroughly with water.

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

Physician's information / possible symptoms

vomiting
Headache
Nausea
Dizziness

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
Water spray jet

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released:

Carbon monoxide (CO)
Carbon dioxide (CO₂)

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

Ensure adequate ventilation.
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. general-purpose binder).
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

Avoid formation of aerosols.
Provide good room ventilation even at ground level (vapours are heavier than air).

General protective measures

Do not inhale gases/vapours/aerosols.

Hygiene measures

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

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking
The product is combustible.
Vapours can form an explosive mixture with air.
Take precautionary measures against static discharges.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in closed original container.
Prevent penetration into the ground.

Advice on storage compatibility

Do not store together with oxidizing agents.

Further information on storage conditions

Keep container dry and store at cool and aired place.

Storage group 10

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Respiratory protection

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

Short term: filter apparatus, combination filter A-P2

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

characteristic

Odour threshold

not determined

Important health, safety and environmental information

| | Value | Temperature | at | Method | Remark |
|----------------------------------|-------------------|-------------|----|-----------|--------|
| pH value | not applicable | | | | |
| Acid number | not applicable | | | | |
| boiling range | 180 - 208 °C | | | | |
| solidifying temperature | -20 °C | | | | |
| Flash point | 61 °C | | | DIN 51755 | |
| Vapourisation rate | not determined | | | | |
| Flammable (solid) | not applicable | | | | |
| Flammability (gas) | not applicable | | | | |
| Ignition temperature | No data available | | | | |
| Self ignition temperature | > 200 °C | | | | |
| Lower explosion limit | 0,6 Vol-% | | | | |
| Upper explosion limit | 7 Vol-% | | | | |

| | Value | Temperature | at | Method | Remark |
|--|----------------------------|-------------|----|-------------------|----------------|
| Vapour pressure | 1 hPa | 20 °C | | | |
| Relative density | ca. 0,76 g/cm ³ | 20 °C | | DIN EN ISO 2811-1 | |
| Bulk density | not applicable | | | | |
| Vapour density | No data available | | | | |
| Solubility in water | 0,01 g/l | 20 °C | | | |
| Solubility/other | | | | | not determined |
| Partition coefficient n-octanol/water (log P O/W) | No data available | | | | |
| Decomposition temperature | No data available | | | | |
| Viscosity dynamic | ca. 2,5 mPa*s | 20 °C | | DIN EN ISO 2555 | |
| Solvent separation test | not determined | | | | |
| Solvent content | 100 % | | | | |
| Water content | not determined | | | | |
| Solids content | not applicable | | | | |
| Combustion value | not determined | | | | |
| Oxidising properties | not applicable | | | | |
| Explosive properties | no | | | | |

9.2. Other information

Vapours are heavier than air.

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 information available.

10.5. Incompatible materials

Substances to avoid

Reactions with oxidising agents.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

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 |
|---|---------------------|---------|----------|--------|
| LD50 acute oral | > 5000 mg/kg | rat | OECD 401 | |
| LD50 acute dermal | > 5000 mg/kg | rabbit | OECD 402 | |
| LC50 acute inhalation | No data available | | | |
| Skin irritation | low irritant effect | | | |
| Eye irritation | low irritant | | | |
| Skin sensitization | non-sensitizing | | | |
| Sensitization respiratory system | non-sensitizing | | | |

Subacute Toxicity - Carcinogenicity

| | Value | Species | Method | Validation |
|----------------------------|----------------|---------|--------|------------|
| Subacute Toxicity | not determined | | | |
| Subchronic Toxicity | not determined | | | |
| Chronic Toxicity | not determined | | | |

Mutagenicity

No experimental information on genotoxicity in vitro available.

| Value | Species | Method | Validation |
|--|---------|--------|---|
| Reproduction-Toxicity | | | No indications of toxic effects were observed in reproduction studies in animals. |
| Carcinogenicity | | | No indications of carcinogenic effects are available from long-term trials. |
| Specific target organ toxicity (single exposure) No indications of critical properties. | | | |
| Specific target organ toxicity (repeated exposure) No indications of critical properties. | | | |
| Aspiration hazard May be fatal if swallowed and enters airways. | | | |
| Experiences made from practice Frequent contact specially if dried out may cause skin and eye irritations. | | | |
| Additional information The declarations of toxicology refer to main component. | | | |

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

| Value | Species | Method | Validation |
|-------------------------------------|---------------------------------|--------|------------|
| Fish LL0 1000 mg/l (96 h) | Oncorhynchus mykiss | | |
| Daphnia EL0 1000 mg/l (48 h) | Daphnia magna | | |
| Algae EL0 1000 mg/l (72 h) | Pseudokirchneriella subcapitata | | |
| Bacteria No data available | | | |

12.2. Persistence and degradability

| Elimination rate | Method of analysis | Method | Validation |
|---|--------------------|------------|---------------------------|
| Physico-chemical degradability not determined | | | |
| Biological degradability 31,3 % (28 d) | | OECD 301 F | potentially biodegradable |
| Degradability not determined | | | |
| Biological eliminability not determined | | | |
| Degradability according to WRMG 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 data available

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available.

Behaviour in sewage plant

not determined

Respiration inhibition of activated sludge

| | Value | Method | Remark |
|--------------|----------------|--------|--------|
| EC 50 | not determined | | |

Additional ecological information

| | Value | Method | Remark |
|------------|-------------------|--------|--------|
| OC | not determined | | |
| COD | not determined | | |
| BOD | not determined | | |
| AOX | No data available | | |

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

no

General regulation

Product is not allowed to be discharged into the ground water or aquatic environment.
Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.
The information to ecology refers to main component.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

16 03 05*

Name of waste

organic wastes containing hazardous substances

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 |
|----------------------------------|---------|------|----------|
| 14.1. UN number | - | - | - |
| 14.2. UN proper shipping name | - | - | - |
| 14.3. Transport hazard class(es) | - | - | - |
| 14.4. Packing group | - | - | - |
| 14.5. Environmental hazards | - | - | - |

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

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

ZH 1/319 "Data Sheet: Solvents (M 017)"

ZH 1/425 "Cold cleaner - Data sheet"

Water hazard class 1 Mixture-WGK

Decree for case of interference/remarks Accident decree, addendum II: not named.

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.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 3.9

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