



## Safety Data Sheet

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006

**Product name** PRX LIQUID AGENT

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

#### **1.1. Product Identifier**

|                               |                  |
|-------------------------------|------------------|
| <b>Product code</b>           | 423320           |
| <b>Product name</b>           | PRX LIQUID AGENT |
| <b>Pure substance/mixture</b> | Mixture          |

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

|                        |                          |
|------------------------|--------------------------|
| <b>Recommended use</b> | No information available |
|------------------------|--------------------------|

|                             |              |
|-----------------------------|--------------|
| <b>Uses advised against</b> | Consumer use |
|-----------------------------|--------------|

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

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Company Name</b> | Tyco Fire Suppression & Building Products<br>1 Kopersteden<br>TJ Enschede, Netherlands<br>Telephone: 3153-428-4444 |
|---------------------|--------------------------------------------------------------------------------------------------------------------|

#### **For further information, please contact**

Product Stewardship at 1-715-735-7411 psra@tycofp.com

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

CHEMTREC 001-800-424-9300 or 001-703-527-3887

National Poisons Information Centre (NPIC)  
+353-1809 2566

### **SECTION 2: Hazards identification**

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



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Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

## 2.2. Label Elements

### Signal Word

None

EUH210 - Safety data sheet available on request

## 2.3. Other Hazards

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not Applicable

### 3.2 Mixture

| Chemical name                          | Index No | EC No     | CAS No    | weight-% | Classification according to Regulation (EC) No. 1272/2008 [CLP] | REACH registration number |
|----------------------------------------|----------|-----------|-----------|----------|-----------------------------------------------------------------|---------------------------|
| di-Sodium hydrogen phosphate anhydrous | -        | 231-448-7 | 7558-79-4 | 0 - 10%  | Eye Irrit. 2A (H319)                                            | 01-2119489797-11          |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|              |                                                                                                                                  |
|--------------|----------------------------------------------------------------------------------------------------------------------------------|
| Inhalation   | Remove to fresh air. If breathing is difficult, give oxygen. (Get medical attention immediately if symptoms occur.).             |
| Skin contact | Wash skin with soap and water. Get medical attention if irritation develops and persists.                                        |
| Eye Contact  | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.                |
| Ingestion    | Rinse mouth. Do not induce vomiting without medical advice. If swallowed, call a poison control centre or physician immediately. |

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

|          |                                                                   |
|----------|-------------------------------------------------------------------|
| Symptoms | Prolonged skin contact may defat the skin and produce dermatitis. |
|----------|-------------------------------------------------------------------|

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

|                 |                        |
|-----------------|------------------------|
| Note to doctors | Treat symptomatically. |
|-----------------|------------------------|



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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### **Suitable Extinguishing Media**

Product is extinguishing agent. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Unsuitable Extinguishing Media**

None

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

None known.

#### **Hazardous Combustion Products**

Carbon oxides. Nitrogen oxides (NOx). Phosphorus oxides.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

## SECTION 6: Accidental release measures

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

Ensure adequate ventilation, especially in confined areas.

Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information.

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

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Pick up and transfer to properly labelled containers.

### 6.4. Reference to other sections

See section 8 for more information. See section 13 for more information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### **Advice on safe handling**

Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

#### **General hygiene considerations**

Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.



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**7.2. Conditions for safe storage, including any incompatibilities****Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place.

**7.3. Specific end use(s)****Specific Use(s)**

Fire extinguishing agent.

**Risk Management Methods (RMM)**

The information required is contained in this Safety Data Sheet.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure Limits**

| Chemical name                                          | Czech Republic | Russia                    | Hungary | Greece | Sweden |
|--------------------------------------------------------|----------------|---------------------------|---------|--------|--------|
| di-Sodium hydrogen<br>phosphate anhydrous<br>7558-79-4 |                | MAC: 10 mg/m <sup>3</sup> |         |        |        |

**Derived No Effect Level (DNEL)** No information available.**Predicted No Effect Concentration (PNEC)** No information available.**8.2. Exposure controls****Engineering controls**

Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment****Eye/Face Protection**

Avoid contact with eyes. Tight sealing safety goggles.

**Hand protection**

Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves. Gloves must conform to standard EN 374.

**Skin and Body Protection**

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Respiratory Protection**

In case of insufficient ventilation, wear suitable respiratory equipment. Wear a respirator conforming to EN 140 with Type A filter or better.

**Environmental exposure controls** No information available.**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Physical State**

Liquid

**Odour**

None

**Colour**

Red

**Odour Threshold**

No data available

**Property  
pH****Values****Remarks • Method**

No data available



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|                                |                   |                   |
|--------------------------------|-------------------|-------------------|
| Melting Point / Freezing Point |                   | No data available |
| Boiling point / boiling range  | > 100 °C          |                   |
| Flash Point                    | > 100 °C          |                   |
| Evaporation Rate               |                   | No data available |
| Flammability (solid, gas)      |                   | No data available |
| Flammability limit in air      |                   |                   |
| Upper flammability limit:      |                   | No data available |
| Lower flammability limit:      |                   | No data available |
| Vapour Pressure                |                   | No data available |
| Vapour Density                 |                   | No data available |
| Specific gravity               |                   | No data available |
| Water Solubility               |                   | No data available |
| solubility(ies)                |                   | No data available |
| Partition coefficient          |                   | No data available |
| Autoignition Temperature       |                   | No data available |
| Decomposition Temperature      |                   | No data available |
| Kinematic viscosity            |                   | No data available |
| Dynamic viscosity              |                   | No data available |
| Explosive Properties           | No data available |                   |
| Oxidising Properties           | No data available |                   |
| Density                        | 1.2               |                   |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing.

### **Hazardous Polymerisation**

Hazardous polymerisation does not occur.

### 10.4. Conditions to avoid

Extremes of temperature and direct sunlight.

### 10.5. Incompatible materials

Strong oxidising agents. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Carbon oxides. Nitrogen oxides (NOx). Phosphorus oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects



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#### Acute Toxicity

|              |                    |
|--------------|--------------------|
| Inhalation   | No data available. |
| Eye Contact  | No data available. |
| Skin contact | No data available. |
| Ingestion    | No data available. |

#### Component Information

|                                   |                           |
|-----------------------------------|---------------------------|
| Skin Corrosion/Irritation         | No information available. |
| Serious eye damage/eye irritation | No information available. |
| Sensitisation                     | No information available. |
| Germ Cell Mutagenicity            | No information available. |
| Carcinogenicity                   | No information available. |

|                          |                           |
|--------------------------|---------------------------|
| Reproductive Toxicity    | No information available. |
| STOT - Single Exposure   | No information available. |
| STOT - Repeated Exposure | No information available. |
| Aspiration Hazard        | No information available. |

## SECTION 12: Ecological information

### 12.1. Toxicity

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

### 12.6. Other adverse effects

No information available

## SECTION 13: Disposal considerations



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### 13.1. Waste treatment methods

**Waste from Residues/Unused Products** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Do not re-use container.

## **SECTION 14: Transport information**

### IMDG

14.1 UN/ID no NOT REGULATED  
14.2  
Proper Shipping Name NOT REGULATED  
14.3 Hazard class NOT REGULATED  
14.4 Packing group NOT REGULATED  
14.5  
14.6 Special Provisions None  
14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC CODE No information available

### RID

14.1 UN/ID no NOT REGULATED  
14.2  
Proper Shipping Name NOT REGULATED  
14.3 Hazard class NOT REGULATED  
14.4 Packing group NOT REGULATED  
14.5 Environmental Hazard Not Applicable  
14.6 Special Provisions None

### ADR

14.1 UN/ID no NOT REGULATED  
14.2  
Proper Shipping Name NOT REGULATED  
14.3 Hazard class NOT REGULATED  
14.4 Packing group NOT REGULATED  
14.5 Environmental Hazard Not Applicable  
14.6 Special Provisions None

### ICAO (air)

14.1 UN/ID no NOT REGULATED  
14.2  
Proper Shipping Name NOT REGULATED  
14.3 Hazard class NOT REGULATED  
14.4 Packing group NOT REGULATED  
14.5 Environmental Hazard Not Applicable  
14.6 Special Provisions None

### IATA

14.1 UN/ID no NOT REGULATED  
14.2  
Proper Shipping Name NOT REGULATED  
14.3 Hazard class NOT REGULATED  
14.4 Packing group NOT REGULATED



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14.5 Environmental Hazard Not Applicable  
14.6 Special Provisions None

## SECTION 15: Regulatory information

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

**Germany**  
Water hazard class (WGK) slightly hazardous to water (WGK 1)

#### **European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

#### **Authorisations and/or restrictions on use:**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

#### **Persistent Organic Pollutants**

Not Applicable

#### **Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

##### International Inventories

|          |          |
|----------|----------|
| TSCA     | Complies |
| DSL/NDSL | Complies |
| ENCS     | Complies |
| IECSC    | Complies |
| KECL     | Complies |
| PICCS    | Complies |
| AICS     | Complies |

##### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List  
ENCS - Japan Existing and New Chemical Substances  
IECSC - China Inventory of Existing Chemical Substances  
KECL - Korean Existing and Evaluated Chemical Substances  
PICCS - Philippines Inventory of Chemicals and Chemical Substances  
AICS - Australian Inventory of Chemical Substances

### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet



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**Full text of H-Statements referred to under section 3**

H319 - Causes serious eye irritation

**Legend**

SVHC: Substances of Very High Concern for Authorisation:

**Legend SECTION 8: Exposure controls/personal protection**

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |

Revision date 18-Jun-2018

Revision note Not Applicable.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet