

**1 Identification of the substance/preparation and of the company/undertaking**· **Product details**

- Trade name:
- Application of the substance / the preparation

**PERGAQUICK A150**

Accelerator for polymerisation / crosslinking  
For industrial use

· **Manufacturer/Supplier:**

PERGAN GmbH  
Hilfsstoffe für industrielle Prozesse  
Schlavenhorst 71  
D-46395 Bocholt  
Tel: +49 2871 9902-0  
Fax: +49 2871 9902-50

· **Further information obtainable from:**

Environment protection / Security of labour  
Competent person:  
\* Kathrin Bohland (Sales) e-mail: k.bohland@pergan.com  
\* Christoph Wiltig (Environment protection / Security of labour) e-mail: c.wiltig@pergan.com

· **Information in case of emergency:**

- Tel: +49 2871 9902-0

**2 Hazards identification**· **Hazard description:**

Xn Harmful

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 22 Harmful if swallowed.  
R 36/38 Irritating to eyes and skin.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

**3 Composition/information on ingredients**· **Chemical characterization**· **Dangerous components:**

CAS: 3077-12-1	2,2'-[(4-methylphenyl)imino]bisethanol	Xn, Xi; R 22-36/38	90-100%
EINECS: 221-359-1			

· **Additional information:**

For the wording of the listed risk phrases refer to section 16.

**4 First aid measures**· **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Take care of personal protection for the first aider.

· **After inhalation:**

In case of unconsciousness place patient stably in side position for transportation.

Take affected persons into fresh air and keep quiet.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

Immediately remove contaminated clothing.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Call for a doctor immediately.

**5 Fire-fighting measures**· **Suitable extinguishing agents:**

Use fire extinguishing methods suitable to surrounding conditions.

· **Special hazards caused by the substance, its products of combustion or resulting gases:**

Under certain fire conditions, traces of other toxic gases cannot be excluded.

· **Protective equipment:**

Do not inhale explosion gases or combustion gases.

· **Additional information**

Self-protection first!

**6 Accidental release measures**· **Person-related safety precautions:**

Wear protective equipment. Keep unprotected persons away.

Trade name: **PERGAQUICK A150**

(Contd. of page 1)

· **Measures for environmental protection:**



Do not allow to enter sewers/ surface or ground water.

· **Measures for cleaning/ collecting:**

Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.  
Soak up with absorbant material (e. g. Vermiculit) and dispose of in accordance with government regulations.

· **Additional information:**

In case of large spillage the environmental authority should be informed.

## 7 Handling and storage

· **Handling:**

Pay attention to the special requirements of your local authorities for handling with dangerous goods.

· **Information for safe handling:**

Prevent formation of aerosols.  
Wear suitable respiratory protective device when decanting larger quantities without extractor facilities.  
Before break and at the end of work hands should be thoroughly washed.  
Avoid contact with skin and eyes.  
While using do not eat, drink or smoke.

· **Information about fire - and explosion protection:**

No special measures required.

· **Storage:**

Pay attention to the special requirements of your local authorities for storing dangerous goods.

· **Requirements to be met by storerooms and receptacles:**

Prevent any seepage into the ground.  
Use only receptacles specifically permitted for this substance/product.

· **Information about storage in one common storage facility:**

Store away from peroxide.  
Store away from foodstuffs, drinks and feeding stuffs.

· **Further information about storage conditions:**

Keep container tightly sealed.

· **Recommended storage temperature (To maintain quality):**

0 ... +30°C

· **Storage class:**

10 "Combustible liquids (unless storage class 3A or 3B)" (VCI Guideline)

## 8 Exposure controls/personal protection

· **Additional information about design of technical facilities:**

No further data; see item 7.

· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:**

The lists valid during the making were used as basis.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid close or long term contact with the skin.  
Avoid contact with the eyes and skin.  
Do not eat, drink, smoke or sniff while working.  
Use skin protection cream for skin protection.  
Be sure to clean skin thoroughly after work and before breaks.

· **Respiratory protection:**

Not necessary if room is well-ventilated.  
Use suitable respiratory protective device in case of insufficient ventilation.



Filter A2

· **Protection of hands:**

Only use chemical-protective gloves with CE-labelling of category III.



Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Protective gloves


The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Butyl rubber, BR  
Fluorocarbon rubber (Viton)

(Contd. on page 3)

Trade name: **PERGAQUICK A150**

(Contd. of page 2)

<ul style="list-style-type: none"> <li>· <b>Penetration time of glove material</b></li> <li>· <b>Eye protection:</b></li> <li>· <b>Body protection:</b></li> </ul>	<p>Nitrile rubber, NBR Neoprene</p> <p>The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.</p> <p> Tightly sealed goggles</p> <p>Protective work clothing</p>
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**9 Physical and chemical properties**

· <b>General Information</b>	
· <b>Form:</b>	Fluid
· <b>Colour:</b>	Dark yellow
· <b>Odour:</b>	Characteristic
· <b>Change in condition</b>	
· <b>Melting point/Melting range:</b>	Undetermined.
· <b>Boiling point/Boiling range:</b>	Undetermined.
· <b>Flash point:</b>	ca. 210°C
· <b>Self-igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Density at 20°C:</b>	1.10 g/cm <sup>3</sup>
· <b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
· <b>Segregation coefficient (n-octanol/water):</b>	not determined
· <b>Viscosity:</b>	
· <b>Dynamic:</b>	ca. 1600 mPas

**10 Stability and reactivity**

<ul style="list-style-type: none"> <li>· <b>Dangerous reactions</b></li> <li>· <b>Dangerous decomposition products:</b></li> <li>· <b>Additional information:</b></li> </ul>	<p>No dangerous reactions known.</p> <p>No hazardous decomposition products if used and stored according to specifications.</p> <p>Emergency procedures will vary depending on conditions. The customer should have an emergency response plane in place.</p>
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**11 Toxicological information**

· <b>Acute toxicity:</b>	
· <b>LD/LC50 values relevant for classification:</b>	
<b>3077-12-1 2,2'-[(4-methylphenyl)imino]bisethanol</b>	
Oral	LD50 300 mg/kg (rattus)
· <b>Primary irritant effect:</b>	
· <b>on the skin:</b>	Irritating effect.
· <b>on the eye:</b>	Irritating effect.
· <b>Sensitization:</b>	No sensitizing effects known.
· <b>Additional toxicological information:</b>	The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Harmful Irritant


**12 Ecological information**

<ul style="list-style-type: none"> <li>· <b>General notes:</b></li> </ul>	<p>Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.</p>
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Trade name: **PERGAQUICK A150**

(Contd. of page 3)


### 13 Disposal considerations

- **Product:**
- **Recommendation:**  Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Waste disposal key:** Please contact your hazardous waste disposers to assign the right EWC-(European waste catalog)-number.
- **Uncleaned packaging:**
- **Recommendation:** This material and its container must be disposed of as hazardous waste.

### 14 Transport information

- **Transport/Additional information:** No dangerous good according the regulation of transport.

### 15 Regulatory information

- **Labelling according to EU guidelines:** The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
- **Code letter and hazard designation of product:**  Xn Harmful
- **Hazard-determining components of labelling:** 2,2'-[(4-methylphenyl)imino]bisethanol
- **Risk phrases:**
  - 22 Harmful if swallowed.
  - 36/38 Irritating to eyes and skin.
- **Safety phrases:**
  - 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
  - 28 After contact with skin, wash immediately with plenty of water.
  - 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
  - 50 Do not mix with organic peroxides.
  - 60 This material and its container must be disposed of as hazardous waste.
- **National regulations:**
- **Other regulations, limitations and prohibitive regulations**
- **Please note:** Take care of the respective local regulations.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant R-phrases** 22 Harmful if swallowed.  
36/38 Irritating to eyes and skin.
- **Department issuing MSDS:** Environment protection / Security of labour
- **Contact:** Tel: +49 2871 9902-0  
E-mail: mail@pergan.com