

# SAFETY DATA SHEET

according to EG 1907/2006  
Effective/ revised: 17/07/15

Version 2.0    Product Retanol Rapid EKA BW

## 1. Material denomination/application and company

<b>Product specifications:</b>	
<b>Brand name:</b>	Retanol Rapid EKA BW
<b>Material usage/application:</b>	Additive for cementitious systems
<b>Producer/Supplier:</b>	PCT Chemie GmbH 71282 Hemmingen Germany Phone: +49 7150 206790 Fax: +49 7150 20679200
<b>Emergency information:</b>	+49 7150 206790

## 2. Possible dangers

<b>Hazard identification:</b>	Not applicable
<b>Possible dangers (according to directive 67/548/EWG 1999/45/EG):</b>	No dangers known as long as the regulations and instructions for storage and handling are observed

## 3. Composition/Component data

<b>Chemical definition:</b>	Preparation on basis of: polymers and additives
<b>Dangerous ingredients:</b>	Not applicable

#### 4. First-aid precautions

<b>General information:</b>	Remove polluted clothes immediately
<b>After inhaling:</b>	Fresh air
<b>After skin contact:</b>	Wash thoroughly with water and soap. Generally the product is not skin irritating
<b>After eye contact:</b>	Rinse out eyes thoroughly for at least 5 minutes with water
<b>After swallowing:</b>	Rinse out mouth thoroughly with much water and drink lots of water

#### 5. Fire fighting measures

<b>Suitable extinguishing agents:</b>	Water, spray water, foam, dry-slaking agents, carbon dioxide
<b>Special protective gear:</b>	wear protective respiratory gear that is independent of recirculating air

#### 6. Accidental release measures

<b>Personal precautions:</b>	Wear protective gear, do not inhale vapour/aerosol/spray mist. Please observe the general precautions for the handling of chemical materials.
<b>Environmental protection measures:</b>	Tainted water/extinguishing water should not get into the sewerage/ surface water/ groundwater Disposal according to official regulations
<b>Procedure of cleaning:</b>	Absorb with liquid-binding materials, larger quantum need to be pumped out

## 7. Handling and storage

<b>Handling:</b>	Please observe the general precautions with the handling of chemical materials.
<b>Guideline for a safe handling:</b>	No special precautions necessary when applied correctly.
<b>Guideline for fire and explosion protection:</b>	No special precautions necessary
<b>Storage:</b>	Avoid heat and store frost-protected.
<b>Storage class:</b>	Non-combustible liquids.

## 8. Exposure controls & personal protective equipment

<b>Components with job-specific limit values that have to be monitored:</b>	None
<b>Additional hints:</b>	
<b>General protection and hygiene measures:</b>	Light protection clothing
<b>Respiratory protection:</b>	When storing open IBC in small rooms with insufficient ventilation wear respiratory gear: Combination filter for organic, inorganic, acid inorganic and alkaline vapours.
<b>Hand protecting grip:</b>	Tight gloves
<b>Glove material:</b>	Rubber
<b>Eye protection:</b>	Safety goggles with side protection

## 9. Physical and chemical features

<b>General information:</b>	
<b>Shape:</b>	liquid
<b>Colour:</b>	light yellow to honey
<b>Smell:</b>	characteristic
<b>Change of state:</b>	
<b>Melting point/Melting range:</b>	
<b>Boiling point/Boiling range:</b>	100° C
<b>Flashpoint:</b>	Not applicable
<b>Spontaneous ignitability:</b>	Not spontaneously ignitable
<b>Explosion hazard:</b>	Not explosion-prone
<b>Vapour pressure at 20°C:</b>	23 hPA
<b>Density at 20°C:</b>	1.05
<b>Solubility in/Miscibility with water:</b>	miscible
<b>PH- Value:</b>	5-8

## 10. Stability and Reactivity

<b>Thermic decomposition/avoidable conditions:</b>	No decomposition
<b>Dangerous reactions:</b>	No dangerous reactions known
<b>Dangerous decomposition products:</b>	Not known

### 11. Toxicological information

<b>Acute toxicity:</b>	
<b>Primary stimulation effect</b>	
<b>At the skin:</b>	No stimulation effect
<b>At the eye:</b>	No stimulation effect
<b>Sensitization:</b>	
<b>Additional toxicological information:</b>	Not subject to labelling according to the calculation procedure of the „General Classification guideline for preparations of the EU“

### 12. Environmental information

<b>General hints:</b>	WGK 1 (self declared): slightly water hazard
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### 13. Disposal information

<b>Recommendation:</b>	Do not dispose with domestic waste
<b>Uncleaned packaging:</b>	May be used again after cleaning
<b>Recommended detergent:</b>	Water

### 14. Shipment information

<b>Land shipment ADR/RID and GGVS/GGVE (cross-border/domestical):</b>	
<b>ADR/RID-GGVS/E Classification</b>	-
<b>Transportation by ship IMDG/GGVSee:</b>	
<b>IMDG/GGVSee-Classification:</b>	No

<b>Marine pollutant:</b>	-
<b>Air transport ICAO-TI and IATA-DGR:</b>	
<b>ICAO/IATA-Classification:</b>	-
<b>Transport/miscellaneous information:</b>	No hazardous good

## 15. Legislation

<b>Labelling according to EWG-guidelines:</b>	Due to EU directives and the ordinance of hazardous substances the product is not subject to labelling
<b>Special labelling of certain compositions:</b>	
<b>National regulations:</b>	
<b>Water hazard classification</b>	WGK 1 (self declared): slightly water hazard
<b>Miscellaneous regulations, restrictions and prohibition ordinances:</b>	

## 16. Miscellaneous information

<b>Data sheet issuing authority:</b>	PCT Chemie Hemmingen
<b>Contact partner:</b>	Dept.: Technical Services

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