

# Material Safety Data Sheet

Printing Date 12.01.2021

Reviewed on 05.01.2021


## 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **INCI name** :Polyquaterium-10
- **Trade name:** AC- PQ1004
- **Application of the substance / the preparation:** Additive of shampoo

## 2 Composition/information on ingredients

- **Chemical characterization**
- **Description:**  
Mixture of substances listed below with nonhazardous additions.  
For the wording of the listed risk phrases refer to section 16

- **Dangerous components:**

68610-92-4	polyquaterium-10	 Xi; R 36/37/38	98%
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- **Non-dangerous component:**

CAS: 7732-18-5	water, distilled, conductivity or of similar purity	2%
EINECS: 231-791-2		

## 3 Hazards identification

- **Hazard description:**



Xi Irritant

- **Information concerning particular hazards for human and environment:**  
R 36/37/38 Irritating to eyes, respiratory system and skin.

## 4 First aid measures

- **After inhalation:**  
Supply fresh air or oxygen; call for doctor.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.

## 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
Use fire extinguishing methods suitable to surrounding conditions.  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** Mouth respiratory protective device.

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## 6 Accidental release measures

- **Person-related safety precautions:**  
Mount respiratory protective device.  
Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Ensure adequate ventilation.

## 7 Handling and storage

- **Handling:**
- **Information for safe handling:** Keep receptacles tightly sealed.
- **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Keep container tightly sealed.

## 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:**  
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 contact with the eyes and skin.
- **Respiratory protection:**  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of 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.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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## · Eye protection:



Tightly sealed goggles

## 9 Physical and chemical properties

## · General Information

**Form:** Powder  
**Colour:** White to Light yellow  
**Odour:** Minor characteristic odor

## · Change in condition

**Melting point/Melting range:** Not available  
**Boiling point/Boiling range:** Not available

· Flash point: Not available

· Flammability (solid, gaseous): Not available

· Ignition temperature: Not available

· Danger of explosion: Product does not present an explosion hazard.

## · Explosion limits:

**Lower:** Not available  
**Upper:** Not available

· Oxidizing properties: Not available

· Vapour pressure: Not available

· Density: Not available  
 · Relative density: Not available  
 · Vapour density: Not available  
 · Evaporation rate: Not available

· Solubility in/Miscibility with water: Not available

· pH-value: Not available

## · Viscosity:

**Dynamic:**  $\geq 1000$  (1%aq)

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions:** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values relevant for classification:** Not available
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.

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**12 Ecological information**· **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**13 Disposal considerations**· **Product:**· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**· **Recommendation:** Disposal must be made according to official regulations.**14 Transport information**· **Land transport ADR/RID (cross-border)** Not Restricted· **ADR/RID class:** -· **Danger code (Kemler):** -· **UN-Number:** -· **Hazard label:** -· **Maritime transport IMDG:** Not Restricted· **IMDG Class:** -· **UN Number:** -· **Label** -· **Packaging group:** -· **EMS Number:** -· **Marine pollutant:** No· **Proper shipping name:** -· **Air transport ICAO-TI and IATA-DGR:** Not Restricted· **ICAO/IATA Class:** -· **UN/ID Number:** -· **Label** -· **Packaging group:** -· **Proper shipping name:** -**15 Regulatory information**· **Sara**· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

7732-18-5 | water, distilled, conductivity or of similar purity

· **Proposition 65**· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

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**· Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**· Cancerogenity categories****· EPA (Environmental Protection Agency)**

None of the ingredients is listed.

**· IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

**· NTP (National Toxicology Program)**

None of the ingredients is listed.

**· TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

**· NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**· OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**· 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:**

Xi Irritant

**· Risk phrases:**

36/37/38 Irritating to eyes, respiratory system and skin.

**· Safety phrases:**

2 Keep out of the reach of children.

25 Avoid contact with eyes.

46 If swallowed, seek medical advice immediately and show this container or label.

56 Dispose of this material and its container to hazardous or special waste collection point.

**16 Other information****· Relevant R-phrases**

36/37/38 Irritating to eyes, respiratory system and skin.

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The contents and format of this MSDS are in accordance with EEC Commission Directive 2001/58/EC, 1999/45/EC, 1967/548/EEC.

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