



# Material Safety Data Sheet

following EU-guideline 91/155/EU

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## 1. NAME OF SUBSTANCE / PREPARATION AND COMPANY

**Trade Name:** pr88 - the wash-off hand protection -  
(water-soluble skin protection cream)

**Company Name:** Ursula Rath GmbH & Co.KG      Imported by: **Pan Tec** (Div. of Thomas Machinery)  
Messingweg 11      **5 - 31 Arrow Rd.**  
D-48308 Senden      **Guelph, ON.**  
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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical characterisation:** Cosmetic O/W-emulsion  
Contains no dangerous substance according to the German Dangerous Substances Ordinance  
Does not contain silicones or preservatives

**Ingredients:**      INCI-Name  
(declaration acc. to the      Aqua (water)  
European Cosmetics      Glycerine  
Directive acc. to INCI)      Sodium Silicate  
Sodium Tallowate  
Ceteareth-5  
Sodium Palmcernelate  
Paraffin  
Parfum (fragrance)

## 3. HAZARDS IDENTIFICATION

Harmless product as far as can be ascertained, when used - as intended - as a cosmetic product for skin protection.

## 4. FIRST AID MEASURES

**Eye contact:**      rinse with plenty of water, if necessary consult a doctor  
**Ingestion:**      drink plenty of water, if necessary consult a doctor

## 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** all standard extinguishing media  
**Particular threat:** none

## 6. ACCIDENTAL RELEASE MEASURES

**Cleansing / Wiping up procedure:** Dispose of in a suitable container or rinse with water, remainders to be cleaned away by means of cleansing agents to avoid eventual danger of slipping.

## 7. HANDLING AND STORAGE

**Handling:**      Skin protection cream to be rubbed into the skin before work and washed-off with water after work  
**Storage:**      Keep containers tightly closed, temperature -15°C to a max. of +35°C  
Storage stability at room temperature (25°C) > 3 years

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Skin protection preparation can be used on the skin without any time limit.  
The product is personal protection itself acc. to EU-directive 89/656/EU.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	foamy/creamy
<b>Colour:</b>	white
<b>Odour:</b>	almond-like
<b>pH-value:</b>	upon application: neutral Acidic or alkaline reactions are as an effect of appropriate ions only possible in aqueous solutions. Therefore, the dry pr88 skin protection film is neutral. During the process of hand washing, for a short period of time, a pH-value of approx. 9,5 is effective, i.e. as washing soap would be used for hand washing.
<b>Change in physical state:</b>	approx. 40 °C
<b>Ignition temperature:</b>	after evaporation of water > 370 °C
<b>Flash point:</b>	after evaporation of water > 190 °C
<b>Explosion limits:</b>	unknown
<b>Density:</b>	( 20 °C ) abt. 0,5 g/cm <sup>3</sup>
<b>Vapour pressure:</b>	( 20 °C ) abt.. 20 mbar
<b>Viscosity:</b>	( 20 °C ) structural viscous
<b>Solubility in water:</b>	( 20 °C ) > 90%

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	The product is stable from -15 °C to a max. of +40°C.
<b>Reactivity:</b>	Even at extreme working conditions, no reactions with working media or working substances are to be expected.

## 11. INFORMATION ON TOXICITY

All ingredients are raw materials defined for the production of cosmetics and subject to an appropriate quality control.  
In the case of many years of application, no toxic or allergic reactions have been ascertained.

## 12. INFORMATION ON ECOLOGY

<b>Biological Degradability:</b>	acc. to OECD testing <u>very good</u> (> 97%) BSB <sub>5</sub> (523.700 mg O <sub>2</sub> /l) 83,5%
<b>Water danger class:</b>	Water danger class 0 (self-classification)

## 13. DISPOSAL

<b>Product:</b>	pr88 can be burnt together with domestic garbage with local regulations or, piped into the sewer system after dissolving in water, waste key: 070 699.
<b>Packaging:</b>	Disposal according to governmental regulations. If not officially regulated, packagings can be treated like domestic garbage or be lead into a recycling system.

## 14. INFORMATION ON TRANSPORT

No dangerous goods according to transport regulations

## 15. REGULATIONS

The product is subject to the Cosmetics Directive

<b>Symbols:</b>	none
<b>R-phrases:</b>	none
<b>S-phrases:</b>	none

## 16. OTHER INFORMATION

This information is based on our knowledge data at this time and refers to the product in condition of delivery. It describes our product in regard to safety requirements and therefore does not represent a guarantee of particular qualities.

[www.pr88.com](http://www.pr88.com)