



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
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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:
(declaration acc. to the European Cosmetics Directive acc. to INCI)

INCI-Name
Aqua (water)
Glycerin
Sodium Silicate
Sodium Tallowate
Ceteareth-5
Sodium Palm Kernelate
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

Form:	foamy/creamy
Colour:	white
Odour:	almond-like
pH-value:	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. like washing soap being used for hand washing.
Change in physical state:	approx. 40 °C
Ignition temperature:	after evaporation of water > 370 °C
Flash point:	after evaporation of water > 190 °C
Explosion limits:	unknown
Density:	(20 °C) abt. 0,4 g/cm ³
Vapour pressure:	(20 °C) abt.. 20 mbar
Viscosity:	(20 °C) structural viscous
Solubility in water:	(20 °C) > 90%

10. STABILITY AND REACTIVITY

Stability:	The product is stable from -15 °C to a max. of +40°C.
Reactivity:	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

Biological Degradability:	acc. to OECD testing <u>very good</u> (> 97%) BSB ₅ (523.700 mg O ₂ /l) 83,5%
Water danger class:	Water danger class 1 (self-classification)

13. DISPOSAL

Product:	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.
Packaging:	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

Symbols:	none
R-phrases:	none
S-phrases:	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.