

Technical Data Sheet

Polyfix ZRC 25 GP

Concentrate of a Broad Spectrum Odour Absorber

Field of Application: Cosmetics, household and I&I cleaner, pet care

Properties:

Polyfix ZRC 25 GP is a water soluble zinc ricinoleate complex (ZnRi-Complex) based on zinc ricinoleate activated by an eco-friendly chelating agent. Polyfix ZRC 25 GP is capable of binding odour-forming nucleophilic molecules. They will be fixed by re-complexation and cannot be released back into the atmosphere even by heating.

Polyfix ZRC 25 GP is

- Water soluble and cold processable
- Capable to build stable complexes with odour molecules
- Compatible with most fragrances
- Readily biodegradable
- Compatible with non-ionic and anionic surfactant systems
- Used at typical treatment levels of 1-10%
- COSMOS certified

Application:

As an additive in odour eliminating cosmetic products where smell originates from perspiration. Also can be used for reduction of smell caused by raw materials in blends.

- Deodorants roll-ons, sprays and sticks
- Hand sanitizers
- Foot cream
- Hair depilatory creams
- Permanent hair straightening
- Permanent hair wave

For odour eliminating cleaners where smell originates from urine, excrement, sweat, garlic as well as from rotten meat, fish etc.

- Household products
- Sanitary products
- Car care products
- Industrial cleaners
- Pet care products

Composition:

INCI: Aqua, Zinc Ricinoleate, Tetrasodium Glutamate Diacetate, Propanediol

Product Characteristics:

Content of zinc ricinoleate complex	approx. 25 %
Supplied form	liquid

Colour at 40°C	yellowish*
pH value (10%)	7.5 – 10.5*
Dry substance at 105°C	31 – 34%*
Density at 20°C	approx. 1.100 g/cm ³

*specified values

Guide Formulation:	Please request the Schill + Seilacher "Household and I&I Formulation Guide" and "Personal Care Formulation Guide"
Regulatory Information:	Please request the corresponding regulatory data sheet
Shelf Life:	12 months after date of despatch
Storage Conditions:	• Store in closed container • Store at room temperature • The product is subject to gel formation when exposed to low temperatures. This state is reversible without effect on the product. If gelling occurs heat the product to 40°C with gentle stirring.
Packaging:	Drum of 25 l (25 kg net) Drum of 220 l (200 kg net) IBC of 1000 l (1000 kg net) Sample: 0.250 kg

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Schill + Seilacher GmbHSchoenaicher Straße 205
D-71032 BoeblingenInternet: www.schillseilacher.de**Abteilung KHM**

Fon: +49 (7031) 282-241

Fax: +49 (7031) 282-159

E-Mail: surfactant@schillseilacher.de