CUSTOMIZED SOLUTIONS

Schill+Seilacher struktol®

PERFECT ODOUR CONTROL - POLYFIX ZRC 50 MB

FIGHTING AGAINST MALODOURS IS A CHALLENGE FOR EVERYBODY INVOLVED IN THE DEVELOPMENT OF ODOUR CONTROL PRODUCTS. POLYFIX ZRC 50 MB OFFERS AN EFFECTIVE AND READY-TO-USE SOLUTION.

Polyfix ZRC 50 MB is a liquid solution based on zinc ricinoleate and is capable of binding odour-forming nucleophilic molecules. They will be chemically fixed and cannot be released back into the atmosphere even when heated.

- Cold processable
- Capable of building stable complexes with odour molecules
- Compatible with most fragrances
- Suitable with non-ionic and anionic surfactant systems
- Used at typical treatment levels of 1 - 5 %

POLYFIX ZRC 50 MB ELIMINATES BAD ODOUR CAUSED E.G. BY AMINES, MERCAPTANES, HYDROGEN SULFIDES, ORGANIC ACIDS, AMMONIA, THIO ESTERS ETC.
POLYFIX WILL NOT AFFECT MOST FRAGRANCES.

INCI: Zinc Ricinoleate, Laureth-3, Tetrahydroxypropyl Ethylenediamine, Propylene Glycol

TECHNICAL DATA

- Appearance: yellowish - yellow liquid
- pH (1%): 7.5 - 8.5
- Zinc Content: 4.5 - 5.5 %
- Density (20°C): approx 1.30 g/cm^3

ODOUR CONTROL
COSMETICS, HI&I, SPECIAL CHEMICALS

FORMULATION GUIDE DEODORISING SOAP BAR

Part	INCI / Ingredient	% W/W
A	Behenyl Alcohol	17.50
	Sorbitan Olivate	6.00
	Butyrospermum Parkii (Shea) Butter	17.50
	Macadamia Ternifolia Seed Oil	3.00
	Lauryl Glucoside, Disodium Cocoyl Glutamate, 42% **RHEO2GREEN1 MB**	8.00
	Glyceryl Caprate	0.50
B	Silica	10.00
	Bambusa Arundinacea	9.00
	Sodium Bicarbonate	5.00
C	Zinc Oxide	6.00
	Helianthus Annuus Seed Oil	6.50
	Propylene Glycol	6.00
	Zinc Ricinoleate, Laureth-3, Tetrahydroxypropyl Ethylenediamine, Propylene Glycol **POLYFIX ZRC 50 MB**	5.00
D	Preservatives, Fragrances etc.	qs

COSMETICS

- Deodorant roll-ons, sprays, sticks
- Hand sanitizers
- Foot creams
- Hair depilatory creams
- Permanent hair waves
- Permanent hair straightening
- Wet wipes

HOME CARE

- Household products
- Sanitary products
- Pet care products

OTHER APPLICATIONS

- Car care products
- Industrial applications

MANUFACTURING PROCEDURE

- Heat part **A** up to 80°C
- Maintain temperature and add part **B** to part **A** while stirring
- Mix until formulation appears homogeneous
- Add part **C** and part **D** in listed order while stirring
- Pour the homogeneous mass into a mould and cool down

PROPERTY

- Appearance: bar

Rev.: 03.2024

For more information please contact:

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