
ProAvita™ ProDet +

ProDet + is unique non-foaming probiotic based - Premium Soaping agent for Wool, Silk and its blends.

ProDet + provides excellent fastness properties. It saves water and energy in wash off /soaping process for Wool, Silk and its blends.

The product is in compliance with GOTS 5.0, ZDHC Gateway, OEKO-TEX / ECO PASSPORT/ REACH certifications.

Product Specifications

Physical form	Liquid
Colour	Light Ivory to Dark Ivory
Ionic Character	Anionic - Amphoteric in nature when applied
Operating pH	2.5 to 14
Operating Temperature	1° C to 140° C
Effective Substance	A consortium of bio chemicals derived from probiotics
Electrolyte Stability	Stability to electrolytes used in Textile processing
pH	2.7 < V < 3.5
Biodegradability	100%
Storage	Store at room temperature, do not freeze, keep lid closed, avoid direct sunlight
Packaging	Packed in 50 Kg barrel.

Advantages

Features	Benefits
Promotes solubility of hydrolysed reactive dyes	<ul style="list-style-type: none">• Increased effectiveness of washing off process• Superior wet rubbing and wash fastness properties
Non-foaming	<ul style="list-style-type: none">• Does not foam
Phosphate and Alkali free	<ul style="list-style-type: none">• Better colour retention in dyed substrates, as compared to chemical soaping agents
No electrolyte effect	<ul style="list-style-type: none">• Does not promote re-deposition• No staining on white ground
100% Biodegradable	<ul style="list-style-type: none">• Reduces load on E.T.P up to 30%• Nontoxic to aquatic organism
Process, Chemicals and Energy Saving	<ul style="list-style-type: none">• ProDet + can be applied at 65°C, (for certain dye depths in neutralization bath) resulting in significant saving in energy and wash off bath

Application Dosage

ProDet + is applied at the following rate of dosages depending on dye depths:

- Soaping of Dyed Substrate: 1.0 to 2.0 g/l

Safety and Handling

Nontoxic, does not require any protective equipment when handling. Rinse with water if product comes into contact with eyes.

Proklean Technologies Pvt. Ltd.

Plot No. 108 & 109, Perumal Nagar, Thirumudivakkam, Chennai 600044.

Tel: +91.44.65556855 | E: contact@proklean.in | W: www.proklean.in

Emergency contact number: +91-44-65556855 (24 hours service)

Disclaimer

ProAvita is a registered trademark of Proklean Technologies Pvt Ltd. The information and recommendations contained herein, are based on our product experience and process understanding. Minor variation in colour could occur due to organic nature of the raw material used. Customers are encouraged to conduct their own trials with their own recipe to validate results and to read safety data sheet before using the product.