

POWSIL™-59251

Core Penetrating and Spreading Agent

INTRODUCTION

POWSIL™-59251 is a powerful penetrating and diffuser agent that enhances textile treatment. It solves issues like uneven softness and hydrophilicity, providing superior dispersion and permeability compared to conventional surfactants. It ensures rapid and uniform absorption of chemicals, such as dyes and softeners.

BENEFITS

- Provide better dispersion and permeability than conventional surfactants.
- Promote rapid and uniform absorption of chemicals to the substrate, such as dyes and softeners.
- Reduce the surface tension of the substrate.
- Hydrophilic thermal stability at high temperatures.

TYPICAL PHYSICAL PROPERTIES

Property	Value
Physical Form	Liquid state
Appearance	Clear liquid
Viscosity (25°C, cSt)	~35
pH (1% aqueous solution, 25°C)	5.5-7.5
Flash Point (°C)	Min.100
Diluents	Water
Density (25°C)	1.02
Ionic	Nonionic

APPLICATION

POWSIL™-59251 can be widely used in the case of insufficient penetration or transmission in the application:

- 1): Oil removal pretreatment, especially suitable for spandex cleaning
- 2): Core dyeing of various fabrics
- 3): Enhance or enhance softness, washing durability and other properties

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Recommended Dosage: 1.0-5.0g/l

1. Usually prepare a solution containing POWSIL™-59251 before using. If the conditions of use change and cannot be applied in time, a mixture with a pH of 5-9 can maintain the activity of POWSIL™-59251 overnight, thus delaying application to the next day.
2. When formulated into a canning formula, care must be taken to buffer the solution to pH 7 and keep the concentration of POWSIL™-59251 greater than 5%.
3. Avoid extreme acidic or alkaline conditions, which will reduce the service life of POWSIL™-59251.

PACKING AND STORAGE

POWSIL™-59251 is supplied in 120Kg plastic drum.

In the unopened original container POWSIL™-59251 has a shelf life of one year in a dry and cool place.

NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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Please send all technical questions concerning quality and product safety to: support@SiSiB.com.