

Soltellus™ Polymer 2501L

PERSONAL CARE

INCI: Sodium Polyaspartate, CAS #94525-01-6

Regulatory: TSCA, DSL

Overview

Soltellus™ is a biodegradable polymer offering multifunctional benefits suitable for an array of haircare and skincare applications. Soltellus features chelating, film-forming, and humectant properties, offering improvements in user experience and appearance over traditional formulations. It performs in all water hardness conditions and is on the EPA's Safer Chemical Ingredients List.

Applications	Benefits	Sustainable Benefit
Hair Care	<ul style="list-style-type: none"> Improves wet combability Leaves hair smoother, softer, and shinier Performs in hard water conditions Chelator 	<ul style="list-style-type: none"> Biodegradable Performs in cold water Minimize microplastics Suitable for cold manufacturing process Effective at low use level Mitigates environmental accumulation
Skin Care	<ul style="list-style-type: none"> Enhances the cleansing performance of soaps Improves the feel of skin Allows for smoother application Co-surfactant 	

Physical and Chemical Properties

Parameter	Value
Appearance	Amber liquid
Total actives (%):	>35
pH (40% solution)	8.0-11.0
Viscosity (cps)	20-60cps

Storage

Store in a closed container in a cool dry area.
Keep away from direct light.

Eco-friendly

Biodegradable (OECD 301B)

General Information

Raw material basis
Synthetic: Petro-based

Free From the Following Stabilizing Agents

Preservatives
Antioxidants
Solvents