



Overview

- Tough on baby food stains including fruit and vegetable purees, jams and smoothies
- Uses Soltellus 2101S to boost enzymes and as a sequestrant and dispersant
- Made with biodegradable ingredients

Composition

| | Trade Name | INCI | % w/w | Function |
|---|--|---|-------------|--|
| А | | Water | q.s. to 100 | |
| | | Sodium citrate | 3 | Biodegradable chelant |
| | Soltellus 2101S (Lygos) | Sodium polyaspartate | 1 | Biodegradable dispersant, sequestrant, enzyme booster |
| | | Oleic acid | 0.75 | Biodegradable anti-foamer |
| | Eco Brij L6 (Croda) | Laureth-6 (100% active) | 5 | Biodegradable nonionic surfactant |
| | Stepanol WA-Extra HP (Stepan) | Sodium Lauryl Sulfate (30% active) | 13.5 | Biodegradable anionic surfactant |
| В | | NaOH or Citric acid | | pH adjuster |
| | | NaCl | | Viscosity modifier |
| С | Add the following ingredients when the formula has cooled down (if using a heated process) | | | |
| | Liquinase Evity 3.5 L (Novonesis) | Protease | 0.8 | Stain removal |
| | Amplify Prime 100 L (Novonesis) | Amylase | 0.13 | Stain removal |
| | Mannaway 200 L (Novonesis) | Mannanase | 0.02 | Stain removal |
| | Xpect 1000 L (Novonesis) | Pectate lyase | 0.06 | Stain removal |
| | Acticide MBS (Thor) | Methylisolhiazolinone/ Benzisothiazolinone | 0.5 | Biodegradable preservative |

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lygos.com info@lygos.com +1 (510) 356-0555

Procedure

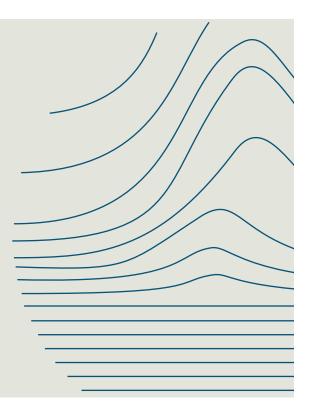
Add ingredients in the order listed, mixing until fully dissolved after each addition. Dissolve each ingredient completely before adding the next one Adjust pH to 8 with NaOH. Adjust viscosity using NaCl.

Technical Specifications

| Parameter | Value |
|----------------------------|--------------|
| Appearance (25°C) | Clear Liquid |
| pH (as is) | 7.8-8.2 |
| Viscosity (cPs) | 210-280 |
| Stability (1 Month, 40°C) | Stable |
| Dose | 45 ml |

Performance (Stain removal)

Suggested method: ASTM D4265-14, using CFT SM-04 as the stain set



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