

Economy Compact Multi-Chamber Automatic Dishwasher Detergent Pod



10.2 gram multi-chamber automatic dishwasher detergent pod with **Itaconix TSI 422** for outstanding spotting and filming results.

Ingredient	Function	wt%
Powder chamber:		
Sodium carbonate	Mineral-based cleaning agent	45.6%
Sodium percarbonate	Boosts stain removal	23.3%
Itaconix® TSI® 422	Boosts shine and cleaning performance	9.1%
Sodium citrate dihydrate	Manages water hardness	6.9%
Protease enzyme	Boosts protein soil removal	1.6%
Sodium silicate	Protects glasses and dishes	1.0%
Amylase enzyme	Boosts starch soil removal	0.7%
Liquid chamber:		
Alcohol alkoxyate surfactant	Boosts grease removal and rinse aid	6.1%
Alcohol ethoxyate surfactant	Boosts grease removal and rinse aid	3.1%
Propylene glycol	Process aid	1.3%
DI water	Diluent	1.3%
Fragrance	Adds scent to product	q.s
Colorant	Adds color to the liquid	q.s

Directions

Powder

- Add sodium carbonate to mixer
 - Add **Itaconix TSI 422**, sodium citrate dihydrate, and sodium silicate while mixing
 - Add enzymes while mixing
 - Add fragrance while mixing
- If the powder is below and remains below 95°F (35°C) then add sodium percarbonate, while mixing and mix until homogenous with no clumps.

If the powder exceeds 95°F (35°C) during or after blending in sodium percarbonate, stop blending and undertake standard safety procedures to cool and isolate the powder.

Liquid:

- Add surfactants to a clean vessel with mixing
- Add water and colorant to separate vessel with mixing
- Add colored water to surfactant with mixing

Multi-chamber pod:

- Add the powder to the powder chamber
- Add the liquid to the liquid chamber(s)



Visit www.itaconix.com

Potential Label Claims:

- Sparkling glasses
- Squeaky clean spotless dishes
- Removes 48 hour stuck-on food
- No pre-wash needed
- Works on quick wash cycle
- Keeps your machine sparkling clean
- More compact dose fits in all dishwashers
- Safe for septic tanks
- No phosphates or chlorine
- No polyacrylates
- Excellent for cleaning in hard water

Plant-Based Content:

55-90% based on ingredient selection

Product Properties

Appearance..... Free flowing granular powder, clear liquid

pH 10.5

Viscosity..... 100cP

Usage

- Powder and liquid components suitable for a multi-chamber pod
- One pod per wash

Itaconix Corporation

2 Marin Way Stratham NH 03885, USA | 603.775.4400 | info@itaconix.com | www.itaconix.com

Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for the direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information. Version 1.0 - 25 June, 2024 © Itaconix