



Premium Compact Multi-Chamber Automatic Dishwasher Detergent Pod

10.2 gram premium 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	35.5%
Sodium percarbonate	Boosts stain removal	25.0%
Itaconix® TSI® 422	Boosts shine and cleaning performance	11.3%
Sodium citrate dihydrate	Manages water hardness	8.8%
Protease enzyme	Boosts protein soil removal	4.4%
Sodium silicate	Protects glasses and dishes	1.7%
Amylase enzyme	Boosts starch soil removal	1.5%
Liquid chamber:		
Alcohol alkoxyolate surfactant	Boosts grease removal and rinse aid	6.1%
Alcohol ethoxyolate 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 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)



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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

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