



HE Laundry Detergent Tablet

10 gram high performing laundry detergent tablet designed for HE machines with excellent odor neutralization and anti-redeposition using **Itaconix ONZ 405** and **Itaconix DSP 2K**.

Ingredient	Function	wt%
Sodium bicarbonate	Mineral-based processing and cleaning aid	21.0%
Sodium percarbonate	Boosts stain removal	20.0%
Sodium carbonate	Mineral-based processing and cleaning aid	18.0%
Itaconic acid	Dissolution control and water conditioner	7.5%
Citric acid	Dissolution control and water conditioner	7.5%
Sodium dodecylbenzene sulfonate surfactant	Anionic surfactant for grease and dirt removal	6.0%
Sodium starch glycolate	Process aid	4.0%
Itaconix® ONZ™ 405	Odor control	3.0%
Enzyme blend	Enzyme blend for multiple stain removal	3.0%
Phosphodiesterase enzyme	Boosts removal of body oils and sweat stains	3.0%
Itaconix® DSP 2K®	Water conditioner and anti-redeposition agent	2.0%
TAED	Boosts tough stain removal	2.0%
Sodium metasilicate	Mineral-based cleaning aid	2.0%
Sodium lauryl sulfate surfactant	Anionic surfactant for grease and dirt removal	1.0%
Fragrance	Adds scent to product	q.s.

Directions

- Add sodium carbonate, sodium bicarbonate to mixer
- Add itaconic acid and citric acid while mixing
- Add **Itaconix DSP 2K**, sodium metasilicate and TAED while mixing
- Add **Itaconix ONZ 405**, sodium starch glycolate, and surfactants 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.



Visit www.itaconix.com

Potential Label Claims:

- 5 Action cleaning power
- Concentrated cleaning power
- Eliminate odors: instant odor removal on stinky clothes
- Excellent soil removal including hard to remove stains
- Gentle on fabrics
- Safe for septic tanks
- No phosphates or chlorine
- No polyacrylates

Plant-Based Content:

55-90% based on ingredient selection

Product Properties

Appearance..... Free flowing granular powder

pH 10.5

Usage

- Use one tablet for light load. Two tablets for heavy load.
- Use warm or hot water.

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