



Laundry Detergent Powder Pack

22 gram single chamber laundry detergent pod with excellent odor neutralization, anti-redeposition and stain removal using **Itaconix ONZ 405**, **Itaconix DSP 2K** and multi enzyme system.

| Ingredient | Function | wt% |
|---|--|-------|
| Sodium carbonate | Mineral-based processing and cleaning aid | 57.0% |
| Sodium percarbonate | Boosts stain removal | 13.6% |
| Alcohol ethoxylate surfactant | Boosts stain removal | 10.0% |
| Sodium dodecyl benzene sulfonate surfactant | Anionic surfactant for grease and dirt removal | 8.2% |
| Itaconix® DSP 2K® | Water conditioner and anti-redeposition agent | 5.3% |
| TAED | Boosts tough stain removal | 1.4% |
| Enzyme blend | Enzyme blend for multiple stain removal | 1.4% |
| Sodium disilicate | Mineral-based cleaning aid | 1.4% |
| Itaconix® ONZ™ 405 | Odor neutralizer | 1.0% |
| Fragrance | Adds scent to product | 0.1% |

Directions

- Add sodium carbonate to mixer
- Spray alcohol ethoxylate onto sodium carbonate while mixing until no clumps
- Add **Itaconix DSP 2K**, **Itaconix ONZ 405**, sodium disilicate and TAED while mixing
- Add enzymes while mixing
- Add sodium dodecyl benzene sulfonate 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.



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Potential Label Claims:

- Deep clean sports and work clothes
- Eliminate odors: instant odor removal on sports clothes
- Effective stain and odor removal
- Lifts 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

- Blended powder can be made into pod or packed in a bulk container.
- Recommended dosage is 22 grams per wash for a standard load.
- Use warm or hot water

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