

CLEANSE HEAVY

Solopol® GFX™

Heavy Duty Power Foam Hand Cleanser With Grit



PRODUCT DESCRIPTION

The world's only heavy duty FOAM hand cleanser with grit. Petroleum solvent-free formulation with non-abrasive natural cornmeal and olive pit scrubbing agents provides a deep cleansing and a fresh citrus scent. The rapid and powerful cleansing action, combined with excellent skin feel during and after use, ensures high user satisfaction.

WHERE TO USE

For use in industrial environments to remove medium to heavy soilings such as general dirt and grime, oil, grease, carbon black and lubricants.

HOW TO USE

- Do not wet soiled hands
- Rub one shot of product thoroughly
- Add a little water and continue rubbing
- Rinse well with plenty of water and dry thoroughly



PRODUCT CERTIFIED FOR REDUCED ENVIRONMENTAL IMPACT. VIEW SPECIFIC ATTRIBUTES EVALUATED: UL.COM/EL UL 2784



FORMAT: FOAM

| FEATURES | BENEFITS |
|---|---|
| Powerful cleansing action | <ul style="list-style-type: none"> • Suitable for a wide range of general applications, from light to heavy duty environments |
| Excellent lathering properties Patented foaming technology | <ul style="list-style-type: none"> • Lathers quicker than traditional products to give a pleasant and effective hand wash • Eliminates wasted product that falls off the hands • Rinses easily away leaving no residue on skin or in the sink |
| Optimized dosage | <ul style="list-style-type: none"> • Delivers the optimum amount required for an effective hand wash in one push, providing up to 42% more hand washes compared with traditional hand cleansers |
| Mild formulation | <ul style="list-style-type: none"> • One dose outcleans up to three doses of traditional pumice based cleansers • Suitable for a wide range of applications, avoiding the need for multiple products |
| User preferred | <ul style="list-style-type: none"> • 9 out of 10 users preferred the cleaning performance and skin after feel over traditional pumice based lotion hand cleansers |
| Economical, hygienic cartridge format | <ul style="list-style-type: none"> • Lasts twice as long as other traditional 2 liter hand cleansers, reducing maintenance costs and storage space • No risk of contamination compared to bulk systems • Collapsing cartridge eliminates waste by evacuating all product |
| Pleasantly fragranced with citrus scent | <ul style="list-style-type: none"> • Fresh fragrance is suitable for both males and females |
| Contains natural, biodegradable cornmeal and olive pit scrubbers | <ul style="list-style-type: none"> • Provides a deep clean without damaging the skin or harming the environment • Scrubbers are easily rinsed away, preventing blocked drains and pipes |
| Contains moisturizer | <ul style="list-style-type: none"> • Helps prevent skin dryness, leaving the hands feeling smooth and firm |
| ECOLOGO certified | <ul style="list-style-type: none"> • Provides customers with assurance that the product meets stringent standards of environmental leadership |
| Contains 81% renewable or biobased content; USDA BioPreferred certified | <ul style="list-style-type: none"> • Product ingredients have been carefully selected to help reduce the use of fossil fuels, reduce emissions and improve environmental sustainability |
| Soap-free formulation | <ul style="list-style-type: none"> • Preserves the skin's natural acidic protective mantle |
| Silicone-free | <ul style="list-style-type: none"> • Suitable for use in any production sites where paint and surface coating processes are undertaken |

INGREDIENTS

AQUA (WATER), ZEA MAYS (CORN) KERNEL MEAL, SODIUM LAURETH SULFATE, OLEA EUROPAEA (OLIVE) SEED POWDER, TEA-LAURYL SULFATE, POLYGLYCERIN-6, COCO-GLUCOSIDE, ACRYLATES COPOLYMER, COCAMIDOPROPYL BETAINE, LIMONENE, CITRIC ACID, PARFUM (FRAGRANCE), SODIUM HYDROXIDE, TETRASODIUM IMINODISUCCINATE, DIETHYLHEXYL SODIUM SULFOSUCCINATE, TITANIUM DIOXIDE, PROPYLENE GLYCOL, SILVER CHLORIDE, BHT

STATUTORY REGULATIONS

This product is manufactured and labeled in compliance with the Federal Food, Drug and Cosmetic Act issued by the Food and Drug Administration (FDA).

SAFETY DATA SHEETS

For Safety, Environmental, Handling, First Aid and Disposal information, please refer to the Safety Data Sheet which can be downloaded from www.debgroup.com/us/sds.

QUALITY ASSURANCE

Deb products are manufactured in facilities which follow Current Good Manufacturing Practice (cGMP) and/or Cosmetic GMP requirements.

All raw material used for production undergo a thorough quality control process before being used for manufacturing in Deb's high quality products.

All finished goods are subject to intensive quality testing before being shipped out to our customers.

SHELF LIFE

This product has a shelf life of at least 24 months from the date of manufacture when stored unopened at room temperature.

PRODUCT SAFETY ASSURANCE

Skin Compatibility Test: Clinical dermatological tests have been conducted to assess the skin compatibility of the product using voluntary test persons in semi occlusive, 48 consecutive hour application models. These tests, as well as in practical use, have proven that the product has very good skin compatibility.

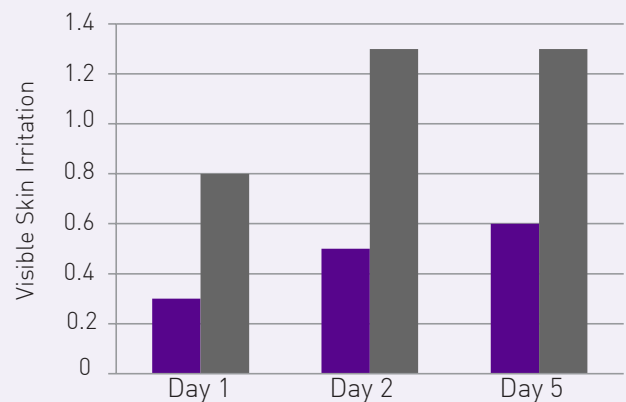
Toxicological Approval: The product has been independently assessed for human toxicity and product stability. It is declared safe for intended use, meeting all relevant regulatory requirements.

PACK SIZES

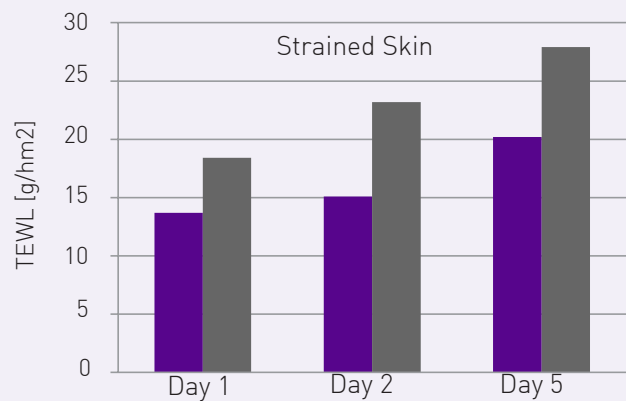
| Stock Code | Size | Case Quantity |
|------------|----------------------|---------------|
| GPF3LNA | 3.25 liter cartridge | 2 |

Effect of Repeated Washing on Skin Health: Assessments of the abrasive effects (visible skin redness) and impact on skin barrier function (TEWL - Trans Epidermal Water Loss) of Solopol® GFX™ and a common Gojo heavy duty hand cleanser were made using a repeated forearm washing test method over a five day period. The results showed a significantly higher increase of TEWL and visible redness for the common Gojo heavy duty hand cleanser in comparison to Solopol® GFX™. Overall, the results conclude that repeated use of Solopol® GFX™ resulted in maintenance of a normal skin condition whereas repeated use of the common Gojo heavy duty hand cleanser resulted in strained skin.

(Graphic 1 and 2)



Graphic 1: Visual Skin Redness Assessment



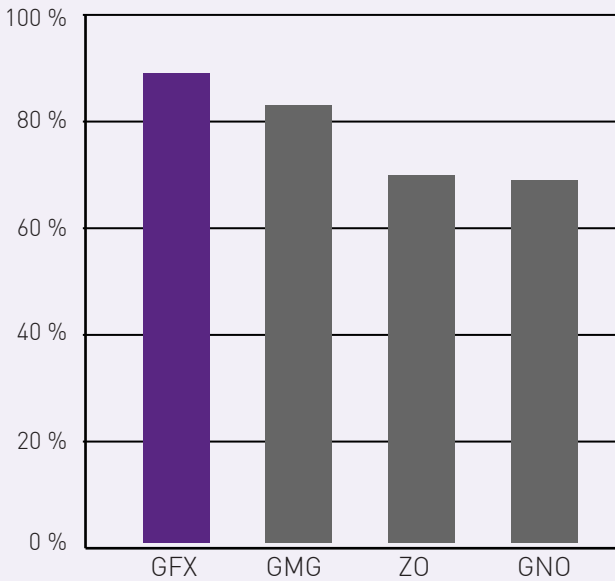
Graphic 2: Skin Barrier Assessment (TEWL)



EFFICACY TESTS

Cleaning Efficacy Test:

Using a standard oil/grease/carbon black based soiling, the cleaning efficacy of Solopol® GFX™ was compared to three of the most commonly used heavy duty hand cleansers in the US. Testing using human volunteers shows that the cleaning efficacy of one 2.8ml shot of Solopol® GFX™ outperforms up to 6.0ml of all three competitor products (Graphic 3).

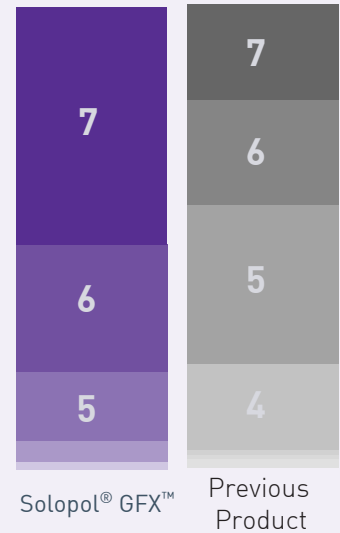


Graphic 3: Cleaning Efficacy of 2.8 ml Solopol® GFX™ compared with 6 ml common heavy duty hand cleanser

User Preference Test:

Solopol® GFX™ was tested by more than 200 users at 24 different test sites. Professions included car repair, body and maintenance, HVAC, lawn and garden, automation, transportation, manufacturing of metal and auto components. Users confirmed the exceptional cleaning power and mildness of Solopol® GFX™ in comparison to common heavy duty hand cleansers used before (Graphic 4).

- 7 - like extremely
- 6 - like very much
- 5 - like slightly
- 4 - neither like or dislike
- 3 - dislike slightly
- 2 - dislike very much
- 1 - dislike extremely



Graphic 4: User Preference of Solopol® GFX™ (n=113) compared with previously used heavy duty hand cleanser (n= 102)

CERTIFICATIONS

ECOLOGO™ Certification: Solopol® GFX™ (GrittyFOAM® EXTRA) was certified according to the UL ECOLOGO Standard UL 2784. ECOLOGO™ certified products, services and packaging are certified for reduced environmental impact. ECOLOGO™ certifications are voluntary, multi-attribute, lifecycle based environmental certifications that indicate a product has undergone rigorous scientific testing, exhaustive auditing, or both, to prove its compliance with stringent, third-party, environmental performance standards.

USDA BioPreferred: Solopol® GFX™ was certified by the United States Department of Agriculture to have 81% biobased content and to comply with the USDA defined thresholds for biobased Personal Care products.

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