



CLEANSE HEAVY

Solopol® **GFX**™

Heavy Duty Gritty POWER FOAM Hand Cleanser

PRODUCT DESCRIPTION

The world's only heavy duty gritty POWER FOAM hand cleanser. Lightly fragranced solvent free formulation with non-abrasive natural cornmeal and olive pit scrubbing agents. The rapid and powerful deep-cleansing action, combined with excellent skin feel during and after use, ensures high user satisfaction.

WHERE TO USE

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

INSTRUCTIONS FOR USE

- Apply 1 dose direct to soiled hands before adding water
- Rub in to loosen dirt
- Add a little water and continue washing
- Rinse with plenty of water and dry thoroughly

Cleanse Rating

1 2 3 **4** 5



4494

FORMAT: FOAM

FEATURES	BENEFITS
Highly effective solvent free formula	• Specially formulated with mild, skin friendly ingredients to provide the same level of cleaning performance normally associated with solvent based products. Effectively removes ingrained oil, grease, carbon black and lubricants.
Patented foam technology	• Dispenses as a pleasant instant foam lather for quicker cleaning compared with traditional products. • During use, the unique foam eliminates waste as it does not fall off hands unlike traditional hand cleansers. • Rinses easily away, leaving no residue on hands or in the sink.
Cleans faster	• In end user testing, 80% of workers described Solopol® GFX as cleaning their hands fast or very fast; this compares to only 55% of people describing their existing cleansers as being fast or very fast.
User preferred	• In real end user testing, 87% of workers preferred Solopol® GFX compared with their existing traditional lotion hand cleansers.
EU Ecolabel Certified	• The product is certified to have a reduced environmental impact through its life cycle, from extraction of raw materials through to its production, use and disposal.
Highly economical	• One push of the dispenser delivers the optimum amount required for an effective hand wash, providing over 43% more hand washes compared with traditional hand cleansers. • Reduces cartridge change-outs and storage space.
Contains natural cornmeal and olive pit scrubbing agents	• Natural, non-abrasive and biodegradable cornmeal and olive pit scrubbing agents are uniquely suspended in the foam to give a deep clean without damaging the skin or harming the environment. The scrubbing agents are easily rinsed away, preventing blocked drains and pipes.
Caring formulation	• Clinically proven to be non-irritant and kinder to the skin. • Non-aggressive formula leaves hands clean, fresh and feeling smooth and conditioned. • Clinical testing shows that after repeated, daily use the skin barrier function remains in a healthy condition. • In end user testing, 78% of workers described their hands as feeling smooth and cared for after using Solopol® GFX.
Non-tainting and assessed according to HACCP guidelines	• When used as directed in food production and preparation areas, the product does not influence the quality of foodstuffs or present any risk to the health of its consumers.
Awarded with the quality seal ECARF	• Ideal for persons suffering from allergies and suitable for sensitive and eczema-prone skin.
Contains moisturiser	• Helps prevent skin dryness, leaving the hands feeling smooth and firm.
Soap-free formulation with skin friendly pH	• Formulated for frequent use to be mild to the skin and help maintain the skin's natural acidic mantle.
Silicone-free	• Suitable for use in any production sites where paint and surface coating processes are undertaken.
Compatible with rubber production processes	• Independently tested at the German Institute of Rubber Technology (DIK) and proven to have no negative effect on the vulcanisation process.
Hygienic cartridge format	• The airless cartridge is hygienically sealed to ensure there is no risk of product contamination; unlike with bulk/reservoir systems.

INGREDIENTS

AQUA (WATER), ZEA MAYS (CORN) KERNEL MEAL, OLEA EUROPAEA (OLIVE) SEED POWDER, SODIUM LAURETH SULFATE, SULFATED CASTOR OIL, CAPRYLOYL/CAPROYL METHYL GLUCAMIDE, DISODIUM LAURETH SULFOSUCCINATE, GLYCERYL OLEATE CITRATE, OLEIC ACID, SODIUM BENZOATE, XANTHAN GUM, CITRIC ACID, POTASSIUM SORBATE, PARFUM (FRAGRANCE)

STATUTORY REGULATIONS

This product is a cosmetic product regulated by and complying with Regulation EC No 1223/2009 (as amended) on Cosmetic Products. Contains biodegradable surfactants in accordance with the Detergents Regulation 648/2004 (as amended).

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/msds.

QUALITY ASSURANCE

Deb products are manufactured in facilities which follow cosmetic Good Manufacturing Practice (cGMP) requirements.

All raw materials 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 30 months from the date of manufacture when stored unopened at room temperature. For shelf life after opening: see indication on packaging.

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. Skin compatibility expert reports are available upon request.

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.

COMPATIBILITY TESTS

Rubber Production Process Compatibility

In testing conducted by the Deutsches Institut für Kautschuktechnologie (DIK) in accordance with DIN EN ISO/IEC 17025, the use of Solopol® GFX in rubber production process does not influence the cohesive strength of rubber.

SUITABLE FOR USE IN FOOD HANDLING

The use of Solopol® GFX as per usage instructions, does not influence the quality and safety of foodstuffs.

The product has been assessed using the HACCP hazard analysis methodology. The following critical control points were identified and are controlled as follows -

1) Impact on smell and taste of foodstuffs - The formulation has been independently tested according to 'Sensory Analysis - Methodology - Triangle Test BS EN ISO 4120:2007' and proven to not have the potential to taint food.

PACK SIZES

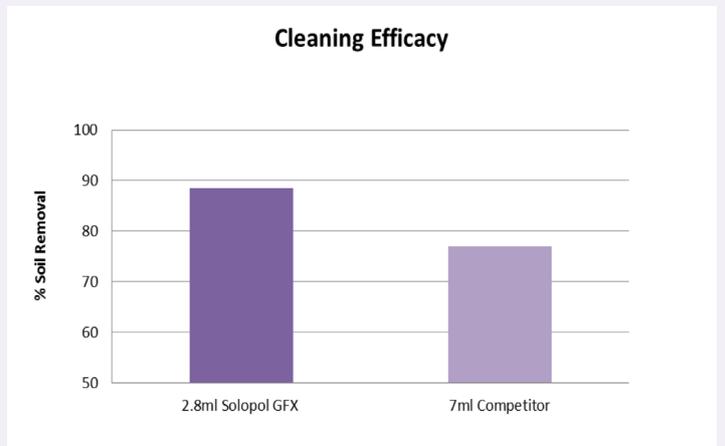
Stock Code	Size	Case Quantity
GPF3LEURO	3.25 L Cartridge	4
GF3LDXEN	3.25 L Dispenser	Each

2) Possible toxic effects of ingredients - An independent oral toxicological evaluation was performed and concluded that any foodstuffs which may contain trace amounts of the product, are unlikely to cause any adverse toxicological effects.

EFFICACY TESTS

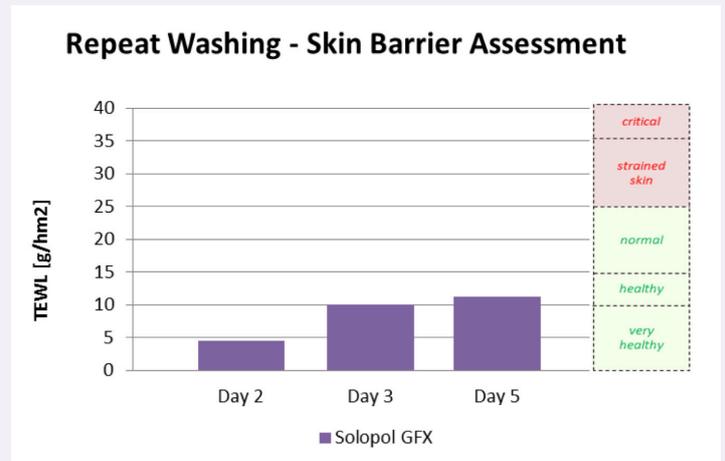
Cleaning Efficacy Testing

The hands of 18 healthy volunteers were prewashed, treated with an artificial soil media and washed using a dosage size of 1 shot (2.8ml) of Solopol® GFX and 2 shots (7ml) of a leading competitor's product. The residual dirt and cleaning efficacy, respectively was determined after each wash procedure. Testing shows that the cleaning efficacy of 1 shot of Solopol® GFX is significantly better than 2 shots of the leading competitor's product.



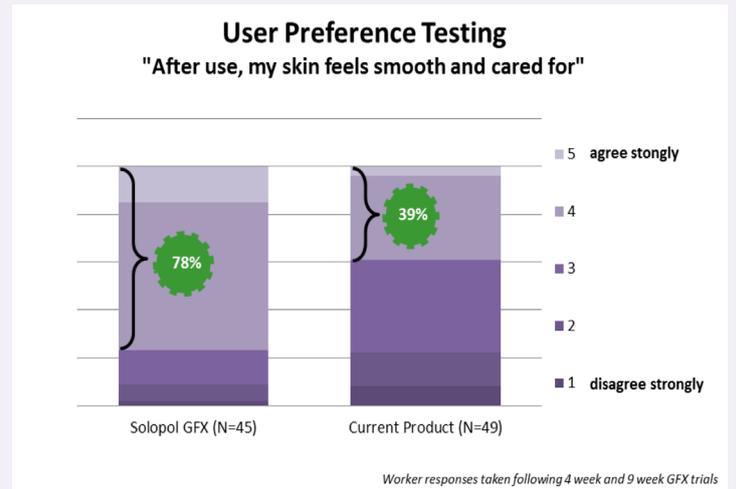
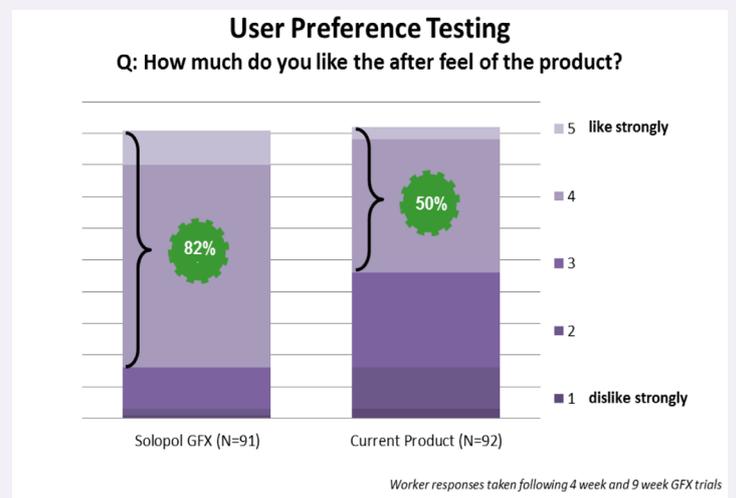
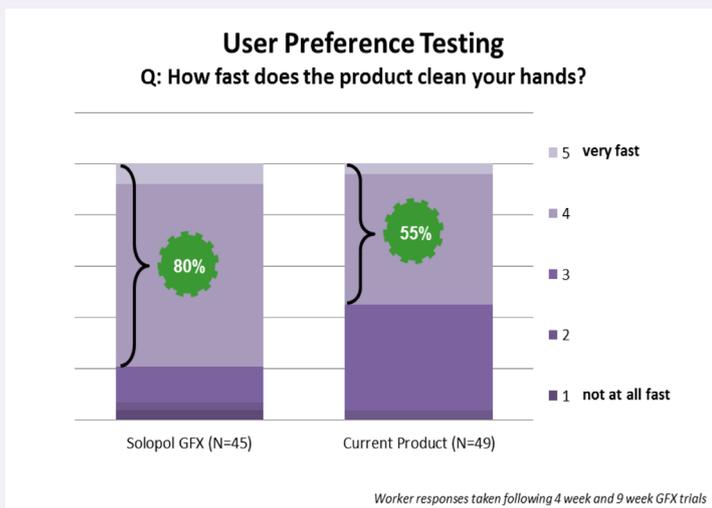
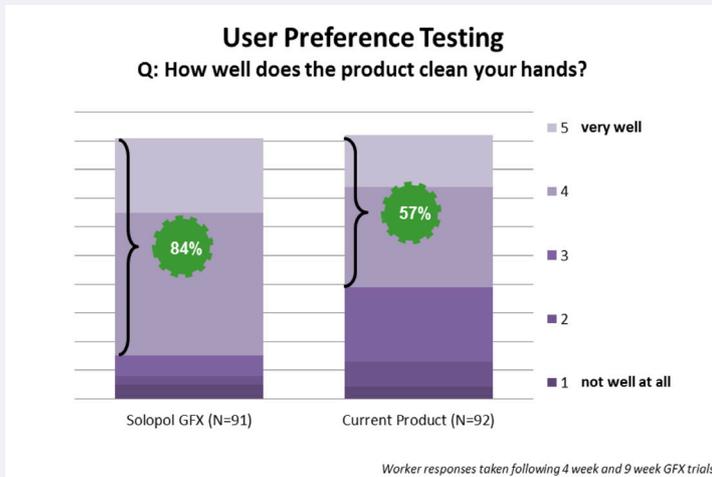
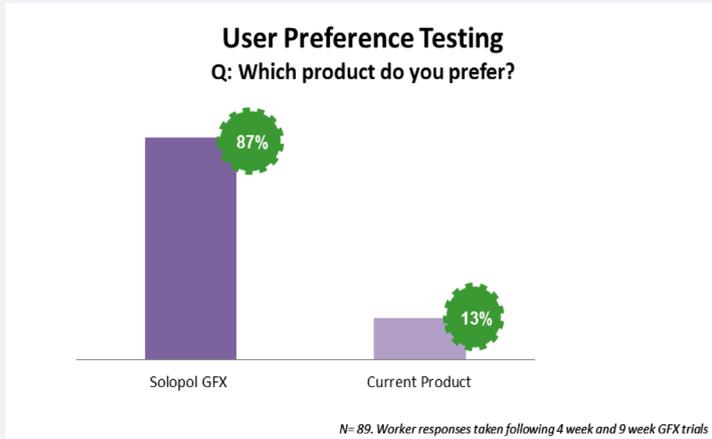
Skin Abrasion Test

Assessment of the abrasive effects of Solopol® GFX using a repeated forearm washing test method over a 4 day period, showed no visible erythema (abrasion induced skin redness) and leaves the skin in healthy condition.



User Preference Testing

Solopol® GFX was tested in extensive end user preference trials. Professions included car repair and body, maintenance, automation, transportation, manufacturing of tools, metal products, stone wool products and automotive components. Users confirmed the exceptional cleaning power, excellent skin feel and speed of cleaning of Solopol® GFX in comparison to common heavy duty hand cleansers used before.



CERTIFICATIONS

EU Ecolabel Certification

Solopol® GFX has been awarded the European Ecolabel: registration number UK/030/007

The product meets the strict requirements of the EU Ecolabel, the voluntary label promoting environmental excellence. The official EU mark promotes products that are designed to have a reduced environmental impact by having a reduced impact on aquatic ecosystems, contain more environmentally friendly ingredients and minimise waste production by reducing the amount of packaging.

ECARF Seal of Quality

The European Centre for Allergy Research Foundation (ECARF) awards the ECARF-quality seal to allergy-friendly products. Cosmetics can receive this seal when following criteria are met:

1. Quantitative risk assessment of the product ingredients with respect to their potential for sensitisation, taking into account their specified conditions of use and amount
2. Medically supervised clinical trials by volunteers with atopic dermatitis
3. Approved system of quality control management

The Solopol® GFX system is protected by the following patents: AU - 2005239772, 2011253813, 2013203109; BR - 1220160100880; CA - 2,566,153, 2,759,777; CN - ZL2005802225.6, ZL201110319250.0, Eurasia - 009671; Europe - 1750662; HK - 1100069, 1166939; DE - 60 2005 052 170.4; JP - 5474298, 5717666; NZ - 551546, 586011; MX - 269978, 308521; SG - 11201500828Y; US - 8,002,151, 8,281,958
FURTHER WORLDWIDE PATENTS PENDING

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Make Hands Matter in the Workplace