

TECHNICAL BULLETIN

GOJO® HAND MEDIC® Professional Skin Conditioner

Technical Data

INDICATIONS: Skin conditioner that Moisturizes and conditions hardworking hands.

DIRECTIONS: Rub a small amount into clean dry hands. Apply before work and use 3-4 times daily. For best results, also apply at night.

Physical Properties

Appearance: **White Opaque**

Fragrance: **Fragrance Free**

Form: **Lotion**

pH: **3.0-5.0**

Ingredients

INCI Name*	Ingredient Class
Water (Aqua)	Carrier
Petrolatum	Skin Conditioning Agent
Glyceryl Stearate	Skin Conditioning Agent, Emollient, Surfactant, Emulsifying Agent
Aluminum Starch Octenylsuccinate	Viscosity Increasing Agent
Cetyl Alcohol	Emollient
C12-15 Alkyl Benzoate	Skin Conditioning Agent
Glycerin	Skin Conditioning Agent, Humectant
Dicetyldimonium Chloride	Skin Conditioning Agent
PEG-4	Solvent
PEG-40 Stearate	Surfactant
Propylene Glycol	Skin Conditioning Agent, Humectant
Benzalkonium Chloride	Preservative
Iodopropynyl Butylcarbamate	Preservative
Phenoxyethanol	Preservative

*International Nomenclature Cosmetic Ingredient

Irritancy Data and Allergy Test Results

21 Day Cumulative Irritancy Assay with Delayed Challenge

Objective: Evaluation of skin irritation potential in humans.

Description of Test: 21 Day Cumulative Irritancy Assay Followed by a Challenge Procedure. Fresh materials are applied daily, 6 days per week, for 21 days to the same site (patches were not moved or reapplied on Sunday).

Independent Laboratory: RCTS, Inc., Irving, TX, USA

Date: 21 June, 2012

Results: CIT Average Score = 0.16 (scale 0 – 4; Baby Oil = 0.18)
Challenge Phase: Non-sensitizing

Conclusions: Product has a low potential for skin irritation and allergic contact dermatitis.

Food Taint Test Results

EN 4120 Food Taint

Objective: Determine whether test product has potential to taint when exposed to food via hands treated with the test product.

Description of Test: The chocolate handling method was used for this test. 0.7mL of test product was applied directly to Technician's hands and then the food (chocolate) was handled three times following a standardized chocolate handling protocol (direct contact with food). Control (untreated) samples were prepared in the same way but using clean hands only, omitting the application of test product.

Trained assessors then evaluated the samples. Half received two control and one test and the other half received one control and two test, in varying order of presentation. They performed a pallet cleanse between tasting each sample in the presented order and were asked to select the different sample and describe the differences perceived.

Independent Laboratory: Campden BRI, Gloucestershire, UK

Study Number: 1274721

Date: 6 August 2012

Results: Confirmed with 95% confidence that greater than 30% of assessors detected a difference between the test and control samples.

Conclusions: Samples handled by hands treated with the test product are similar to samples handled with clean hands.

Compatibility Test Results

Glove Compatibility

Objective: Determine the effect of product on Surgical Gloves including latex, vinyl, and nitrile surgical gloves.

Description of Test: ASTM D5151-99
Glove samples were immersed in product for a period of 2 hours and then examined for leaks. The control samples were not exposed to product.

Control: 100 each of latex, vinyl, and nitrile surgical gloves.
Test product: 100 each of latex, vinyl, and nitrile surgical gloves.

Independent Lab: Smithers Scientific Services, Inc.

Study Number: F28308JE

Date: 2 June 2014

Results:

Glove type	Control with leaks	Test with leaks
Nitrile	4 gloves	3 gloves
Latex	0 gloves	0 gloves
Vinyl	2 gloves	2 gloves

Conclusion: The test product does not impact the integrity of latex, vinyl or nitrile surgical gloves.