

TECHNICAL DATA SHEET: COPREX Finger Moisturizer - Gel

Basic Information:

- Product: Finger Moisturizer - Gel
- Purpose: The finger moisturizer is designed to facilitate easier page turning, counting of banknotes, handling papers, and other tasks requiring a good grip. The product is in gel form for easy application and precise dosing.
- Composition: Gel mixture of glycerin, polypropylene, urea, sodium stearate, and water.
- Art. name: Prim Finger Moisturizer
- Art. No.: 970

Chemical Composition:

1. Glycerin
 - Chemical Name: 1,2,3-Propanetriol
 - Molecular Formula: $C_3H_8O_3$
 - CAS Number: 56-81-5
 - Function: Moisturizing and softening component that provides long-lasting skin hydration.
2. Polypropylene
 - Chemical Name: Poly(propylenum)
 - Molecular Formula: $(C_3H_6)_n$
 - CAS Number: 9003-07-0
 - Function: Increases gel viscosity and improves finger grip.
3. Urea
 - Chemical Name: Carbamide
 - Molecular Formula: CH_4N_2O
 - CAS Number: 57-13-6
 - Function: Hydrating component that helps retain moisture in the skin.
4. Sodium Stearate
 - Chemical Name: Sodium stearate
 - Molecular Formula: $C_{18}H_{35}O_2Na$

- CAS Number: 822-16-2
 - Function: Key gelling agent that provides the product's gel structure and stability.
5. Water
- Chemical Name: H₂O
 - CAS Number: 7732-18-5
 - Function: Solvent and carrier for other ingredients, ensuring the product's proper consistency.

Physical and Chemical Properties:

- Color: Transparent to slightly cloudy gel.
- Odor: Mild, characteristic of the ingredients, without added fragrances.
- Viscosity: Thick, gel-like texture.
- pH Value: Neutral to slightly basic, in the range of 7-8.
- Solubility: Miscible with water, insoluble in oils.
- Specific Gravity: Approximately 1.1 g/cm³ at 25°C.

Directions for Use:

1. Remove the cap and lightly apply a small amount of gel to your fingers.
2. Gently massage the gel into the skin of your fingers and allow it to absorb for at least 20-30 seconds.
3. Apply a moderate amount to avoid leaving residue on surfaces.
4. After use, close the container tightly to prevent the product from drying out.
5. Keep out of reach of children and protect from direct sunlight.

Safety Measures and Storage Conditions:

- Storage: Store the product in a cool, dry place, away from direct sunlight and heat sources. In very humid air, water droplets may form on the product's surface due to condensation. It is recommended to store the product in an environment with relatively low humidity to avoid this phenomenon.
- Usage: For external use only. Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water.

- Hazards: The product is safe for use on the skin when used as directed.

Shelf Life:

- Shelf Life: 24 months from the date of manufacture, provided proper storage conditions are maintained.