



MEDICAL BROCHURE

# SyndetRT-CTx

SHOWER GEL

Soap Free – Fragrance Free – Normal Ph



# SyndetRT-CTx

**Glycerin** Moisturizer with protective action. Moisturizes, attracts and retains water from the environment and from the deeper layers of the skin, preventing the dryness of cleansers. Softens and soothes the skin, making it softer and more elastic, reducing irritation, especially in sensitive or dehydrated areas, offering a silky texture and a pleasant feeling.

**Propanediol** Moisturizer also improves the texture, dissolves the active ingredients, increases the stability of the product, making it more friendly and gentle on the skin. Mild antimicrobial action.

**Betaine** Moisturizer. Mild surfactant and moisture regulator. Moisturizes by attracting and retaining water in the skin. Creates a rich creamy foam, reducing the feeling of pulling on irritated skin. Soft and smooth application with a pleasant feeling.

**Panthenol** Moisturizing Soothing offers skin protection by reducing irritation, redness and the feeling of tightness, accelerates the natural healing process of micro-injuries or dry areas, is easily absorbed by the skin and is converted into pantothenic acid that helps in the natural regeneration of the skin, strengthens the skin barrier.

**Allantoin** Healing, Soothing, Moisturizing reduces irritation, tingling and redness. Helps maintain moisture in the skin and helps it remain smooth and soft. Accelerates skin regeneration promotes the healing of micro-injuries and dry areas. Applied to cracked or dry skin. Helps reduce sensitivity when washing.

**Sodium PCA** Powerful Moisturizing (NMF natural moisturizing factor) Softener, attracts and retains water in the skin, keeping it healthy and soft. Ideal for dry or sensitive skin. Improves the elasticity and softness of the skin, making it smoother and softer after washing.

**Sodium hyaluronate** Moisturizer. Improves the elasticity of the skin, is more stable than simple hyaluronic acid and more absorbable. Strong Hydration can bind up to 1000 times its weight in water. Maintains moisture in the skin even after rinsing. Protects the skin barrier, creates a thin protective film that prevents moisture loss and reduces the dryness that soap can cause. Improves the softness of the skin. It has anti-inflammatory and healing effects, helping with irritation and dryness, suitable for use in dermo cosmetic syndets.

**Sodium lactate** Strong Moisturizer (NMF natural moisturizing factor), Emollient, pH regulator. Prevents dryness caused by cleansing. Softening and abrasive agent makes the skin softer and more elastic after washing, maintains the pH friendly to the skin.

**Lactic acid** Moisturizer (NMF natural moisturizing factor). pH regulator protects the skin barrier by reducing dryness. Attracts and retains water in the stratum corneum, improves softness and cleanliness without irritation, helps to gently exfoliate dead cells and produces a smoother and cleaner skin, helps to stabilize viscosity.

**Hydroxypropyl guar** Moisturizer, Emollient. Improves skin softness, regulates viscosity, gives soap a thicker texture, forms rich and stable foam that stays on the skin longer. Creates a thin protective film on the skin, leaving it soft and moisturized after washing. Reduces irritation, reduces the action of surfactants, making the formula milder and suitable for sensitive skin. Synergy with moisturizers, enhances the performance of glycerin, panthenol, sodium PCA and sodium hyaluronate, helping to maintain moisture, reduces irritation from cleansing ingredients.

## **Glyceryl oleate**

Relubricating agent compensates for the removal of natural skin lipids by surfactants. Creates a thin protective film that restores lipid balance. The skin remains soft and elastic without the feeling of pulling after washing. Moisturizer and Emollient reduces irritation from cleansers.

**Ethylhexylglycerin** Moisturizer, Emollient and preservative booster enhances the action of other preservatives allowing lower concentrations of them. Enhances the action of preservatives moisturizes and softens the skin improves softness and texture offers Antimicrobial action.

**Coco-glucoside** Mild Cleanser (anionic surfactant) without irritating or dehydrating the skin. Ideal for dry or atopic skin. Creates a creamy, soft foam sensation, regulates viscosity.

**Disodium cocoamphodiacetate** Very mild Cleanser (ampholytic surfactant) belongs to the category of amphoteric surfactants, i.e. it can function either as an acidic or as a basic one. Ideal for dry and atopic skin enhances compatibility with the skin by reducing the hardness of anionic surfactants provides rich creamy foam, regulates the pH offers softness and hydration creates a film that leaves the skin soft.

**Disodium cocoyl glutamate** Mild Cleanser (anionic surfactant) without disturbing the natural barrier of the skin suitable for sensitive skin creates foam without drying, pH friendly around 5.5. Cleanses gently without drying, especially for dry and sensitive skin.

**Xanthan gum** Adjusts the viscosity of the product, making it thicker and more stable, makes the foam richer and more uniform, reduces irritation, acts as a natural buffer, making the composition milder and more tolerable for sensitive skin.

**Hydroxyacetophenone** Antioxidant protects the sensitive ingredients of the formula from oxidation. Offers antimicrobial protection. Soothing agent reduces redness and irritation caused by surfactants, ideal for sensitive, reactive or dry skin.

**Tetrasodium glutamate diacetate** Enhancer, improves the foam and cleansing ability of coco glucoside, betaine.

**Sodium hydroxide** pH regulator. Causes saponification, regulates pH, enhances cleansing ability.

**Phenoxyethanol** Antimicrobial and antifungal action. Helps maintain quality and avoid contamination during use.

**Sodium chloride** Viscosity regulator improves cleansing action stabilizes foam.

**Citric acid** pH adjuster protects skin barrier reduces irritation, Chelating agent CHELATING AGENT refreshing gentle leaving skin softer and smoother.



According to **MASCC** clinical practice guidelines Guidelines for the prevention and management of acute radiation dermatitis: part 1) systematic review e Clinical Medicine 2023;58: 101886 Published Online 27 March 2023 <https://doi.org/10.1016/j.eclim.2023.101886> See Article **The Lancet Oncology 2023**; published online March 27th:DOI: 10.1016/S1470-2045(23)00067-0.