

After Shave Balm With OAT COM USP and Unisooth ST32 & EG28

A Shave Balm that calms the skin after shaving. It reduces redness and neck burn as stubble grows back throughout the day. With cooling **Corum 9230**, and three soothing ingredients. **OAT COM USP** is a natural anti-irritant and moisturiser. **Unisooth EG-28** works by inhibiting the release of inflammatory cytokines whilst **Unisooth ST-32** protects and soothes the epidermis by protecting Langerhans cells and by increasing synthesis of pro-immunity proteins.

	Trade Name	INCI Name	Function	%W/W	Supplier
1	Purified Water	Aqua	Solvent	80.25	
2	Versene Na2	Disodium EDTA	Chelating Agent	0.05	Dow Chemical
3	RonaCare Allantoin	Allantoin	Humectant	0.1	Azelis
4	OAT COM USP	Avena sativa (oat) Kernel Flour	Texture enhancer Emulsion stabiliser	1	Oat Cosmetics Via ProTec Ingredia
5	Organic Glycerine	Glycerin	Humectant	3	ProTec Botanica
6	PNC 400	Sodium Carbomer	Thickener	0.5	Matrix Chemie
7	Euxyl® PE 9010	Phenoxyethanol, Ethylhexylglycerin	Preservative	1	Schülke UK
8	Amphisol K	Potassium Cetyl Phosphate	Emulsifier	1.5	DSM
9	Blanova Vitamin E Acetate	Tocopheryl Acetate	Antioxidant	0.1	Azelis
10	Crodamol IPP	Isopropyl Palmitate	Emollient	5	Croda
11	Saboderm TCC	Caprylic/Capric Triglyceride	Emollient	1	Kemcare
12	Corum 9230	Menthol & Menthyl lactate	Cooling agent	0.5	Corum Inc Via ProTec Ingredia
13	Unisooth ST-32	Aqua (and) Pentylene Glycol (and) Tamarindus Indica Seed Extract (and) Stevioside	Active Ingredient	3	Induchem Via ProTec Ingredia
14	Unisooth EG-28	Aqua (and), propyl gallate (and) gallyl glucoside (and) epigallocatechin (and) gallatyl glucoside	Active Ingredient	3	Induchem Via ProTec Ingredia

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Method of Manufacture

Into the main vessel add:

Purified Water (1)	Start the mixer on a moderate fast speed	
Disodium EDTA	Mix until dissolved.	
Allantoin	Mix until dissolved.	
Oat Com USP	Mix until dispersed and low lumps or clumps remain.	
Sodium Carbomer	Add slowly avoiding clumping.	
	Increase mixer speed.	Mix until lump free and homogenous.
Glycerin	Mix until dispersed.	
Euxyl® PE 9010	Mix until dispersed.	Reduce the mixer down do moderate slow.
Amphisol K	Mix until dispersed avoiding aeration.	

Commence heating the main vessel to 69C.

Into the premix vessel add:

Vitamin E Acetate	
Crodamol IPP	
Saboderm TCC	Commence heating the premix vessel to 69C.

When both phases are at 69C add the premix vessel into the main vessel.

Homogenize for 5 minutes avoiding aeration.

After 5 minutes switch off the homogeniser and commence cooling the main vessel to 23C.

When the bulk is 40C or below into the main vessel add:

Corum 9230	Mix until homogenous.
Unisoath ST-32	Mix until homogenous.
Unisoath EG-28	Mix until homogenous.

Cool to 23C and check the product specifications.

Product Specifications

pH	5.50-6.50
Viscosity	40-60,000 cps LVT, TBAR D, Speed 2.5, 1 minute
Colour	Off white\cream
Appearance	Mobile lotion