

## 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 <b>OAT COM USP</b>	<b>Avena sativa (oat) Kernel Flour</b>	<b>Texture enhancer Emulsion stabiliser</b>	<b>1</b>	<b>Oat Cosmetics Via ProTec Ingredia</b>
5 <b>Organic Glycerine</b>	<b>Glycerin</b>	<b>Humectant</b>	<b>3</b>	<b>ProTec Botanica</b>
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 <b>Corum 9230</b>	<b>Menthol (and) Menthyl lactate</b>	<b>Cooling agent</b>	<b>0.5</b>	<b>Corum Inc Via ProTec Ingredia</b>
13 <b>Unisooth ST-32</b>	<b>Aqua (and) Pentylene Glycol (and) Tamarindus Indica Seed Extract (and) Stevioside</b>	<b>Active Ingredient</b>	<b>3</b>	<b>Induchem Via ProTec Ingredia</b>
14 <b>Unisooth EG-28</b>	<b>Aqua (and) propyl gallate (and) gallyl glucoside (and) epigallocatechin (and) gallatyl glucoside</b>	<b>Active Ingredient</b>	<b>3</b>	<b>Induchem Via ProTec Ingredia</b>

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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.	
<b>OAT COM USP</b>	Mix until dispersed and low lumps or clumps remain.	
Sodium Carbomer	Add slowly avoiding clumping.	
	Increase mixer speed.	Mix until lump free and homogenous.
<b>Glycerin</b>	Mix until dispersed.	
Euxyl® PE 9010	Mix until dispersed.	Reduce the mixer down to 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