

C-156

MILD FACIAL SCRUB

OIL CONTROL FACE WASH

GUIDELINE FORMULARY

DESCRIPTION

Gently exfoliates and cleanses without drying out skin
Removes impurities and purify skin
Formulated with antibacterial Salicylic Acid

COMPOSITION

	%
EMAL® 227E ⁽¹⁾	33.3
BETADET® S-20	5.3
AMIDET® N	3.2
Glycerine	6.0
Salicylic Acid	1.0
KAO Fragrance	q.s.
Preservative	q.s.
NaOH (50% solution)	q.s.
Sodium Chloride	q.s.
Deionized Water	Up to 100

(1) 33.3% of EMAL® 227E (SLES at 27% a.m.) can be substituted by 12.86% of EMAL® 270D (SLES at 70% a.m.)

TECHNICAL CHARACTERISTICS

Kao Method

APPEARANCE (20°C):	Clear gel	KCSA-258
pH (as it is):	Approx. 6.5	KCSA-014
VISCOSITY BROOKFIELD (20°C, cP):	Approx. 7,000 (0.5% NaCl)	KCSA-227
STABILITY TEST:	Correct	(1 month 40°C/RT/5°C)

RECOMMENDED OPERATIVE METHOD

Mix water with Salicylic Acid and GLC 99%. Stir till clear.

Add EMAL® 227E, AMIDET® N and BETADET® S-20. Stir well after each addition until a homogeneous dispersion is obtained.

Add the other additives: preservative (soluble), perfume (15 minutes of agitation are usually needed to solubilize it), dye(s) (diluted in water) and other (extracts, etc.).

Adjust pH (it is recommended to use NaOH to reduce it).

COMPONENTS

AMIDET® N (PEG-4 Rapeseedamide, ≈ 95% a.m.): non-ionic character. Nitroso-amines free thickener. It increases the foam volume and improves the quality of it. It reduces the irritation potential of the anionic surfactants on the skin. Multi-functional agent.

BETADET® S-20 (Lauryl Hydroxysultaine, ≈ 38% a.m.): amphoteric character. Very mild co-surfactant. It decreases the irritation level of anionic surfactants, improving the quality of the foam and performing also as a thickener. It improves the stability of the formula at extreme pH's and low temperature.

EMAL® 227E (Sodium Laureth Sulfate, ≈ 27% a.m.): anionic character. Primary surfactant, highly foaming. Good detergent properties.

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Ref. C08018/FC-8A

(Edited Apr. 2017. Updated version July 2020)



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