



PROTECTIVE SUN CREAM GEL 6977A

Formula

A	<ul style="list-style-type: none">Phenylbenzimidazole sulfonic acidSodium hydroxideAqua / Water	2.0 % Qs pH 7-7.2 10.0 %
B	<ul style="list-style-type: none">SEIPLUS™ 265 (<i>Acrylamide ammonium acrylate copolymer & Polyisobutene & Polysorbate 20 - SEPPIC</i>)Aqua / Water	2.5 % Qsp 100%
C	<ul style="list-style-type: none">Isodecyl neopentanoate / Diisopropyl sebacate / Lauryl lactateButyl methoxydibenzoylmethaneEthylhexyl methoxycinnamateEthylhexyl salicylate	15.0 % 1.5 % 7.5 % 5.0 %
D	<ul style="list-style-type: none">SEPICIDE™ HB (<i>Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben /Butylparaben - SEPPIC</i>)Parfum / Fragrance	1.0 % 0.1 %

Procedure

Solubilize the Phenylbenzimidazole sulfonic acid in water at 80°C , then adjust the pH around 7.2 with the sodium hydroxide (the mixture should be clear).

Disperse SEIPLUS™ into water under mixing , then add the phase A to this gel.

Prepare the phase C by solubilizing the butylmethoxydibenzoylmethane into the ester when heating. Then stop heating and add the two other filters (this phase should also be clear).

Disperse phase C into the gel (add it step by step) under mixing and add the ingredients from phase D.

Check that the final pH of the formula is around 7.2 and adjust it if necessary.

Comments

SEIPLUS™ 265

A New generation of « Hydro Swelling Droplet » polymers, for improved performance. SEIPLUS™ is designed to give an improved electrolyte resistance profile. Compatible with a wide range of actives over a wide pH range (pH 5 to 11). A thickening and emulsifying agent in a liquid form, ready to use (no predispersion or neutralization).

SEPICIDE™ HB

Preservative.

SEPPIC SA
33(0) 1 40 62 55 55

Givaudan Lavitrotte SA
33(0) 4 78 61 55 00

SEPPIC Inc
1 973 882 5597

SEPPIC China
86(21) 64 66 01 49

SEPPIC UK Ltd
44 208 577 8800

SEPPIC GmbH
49(0) 220 3890 3100

SEPPIC Italia Srl
39 02 38009110

SEPPIC Belgium NV
32 3 250 3911



Characteristics

Aspect	White cream
pH	Around 7.2
Viscosity	Around 65,000mPa.s
Stability	Stable at RT – 40°C – 50°C

Notes

Phenylbenzimidazole sulfonic acid : Eusolex 232 (MERCK)
Butyl methoxydibenzoylmethane : Parsol 1789 (ROCHE)
Ethylhexyl methoxycinnamate : Uvinul MC80 (BASF)
Ethylhexyl salicylate : Eusolex OS (MERCK)
Parfum : Aromatonic Ref U215750 (QUEST)
Isodecyl neopentanoate / Diisopropyl sebacate / Lauryl lactate: DUB SYNERSOL (STEARINERIE DUBOIS)

6977A – SEPPIC -A 0502

Since this formula has not been the object of a toxicological study, the use and handling of the products proposed is purely indicative and SEPPIC accepts no responsibility for their use by another party.

SEPPIC SA
33(0) 1 40 62 55 55

Givaudan Lavirotte SA
33(0) 4 78 61 55 00

SEPPIC Inc
1 973 882 5597

SEPPIC China
86(21) 64 66 01 49

SEPPIC UK Ltd
44 208 577 8800

SEPPIC GmbH
49(0) 220 3890 3100

SEPPIC Italia Srl
39 02 38009110

SEPPIC Belgium NV
32 3 250 3911