



HYGIENE

US20178 | CONCENTRATED CLEANSER

A concentrated cleanser to clean the skin and minimize water consumption!



Gel



NOC = 84.9%

NATURALITY PROFILE according to ISO 16128 norm



Dense foam
—
Sulfate-free
—
Moisturization

A	AMONYL™ 380 BA Disodium Ethylenediaminetetraacetate Dihydrate	57.60% 0.30%
	AQUAXYL™	3.00%
	SEPICIDE™ LD	0.80%
B	PROTEOL™ OAT PF	12.00%
	ORAMIX™ NS 10	9.00%
	ORAMIX™ L 30	17.00%
	Fragrance "Sozio Bath"	0.30%

Viscous yellow gel / Packaging: Pump

pH: 6.41 / **VISCOSITIES: 1M at RT:** 83,100 cps Brookfield LV64V1.5
Recovery at RT (after 1M at 45°C): 81,200 cps Brookfield LV64V1.5
STABILITY: 3M at RT, 45°C, 3 F/T cycles -5°C/+40°C.

FORMULATION ADVICES: Laboratory scale - 300g batch - Deflocculator

Combine phase A together and mix well to get a uniform solution. Make sure all EDTA dissolved. Then add phase C ingredients one by one. Mix until uniformed. Check and adjust pH if necessary.



COLD PROCESS

Deeply cleanse the skin with this viscous, concentrated gel - just add water each use.

A water-saving formula production!

AMONYL™ 380 BA amphoteric surfactant improves mildness and gives excellent cleansing properties (Cocamidopropyl Betaine)
AMONYL™ 675 SB provides a **fine foam that is stable over time**. It provides a good **thickening effect** with anionic surfactants.

PROTEOL™ OAT PF (Sodium Lauroyl Oat Amino Acids)
Based on oat essential amino acids, it is a mild surfactant which develops good wetting properties and an **abundant unctuous foam without any drying effect** on the skin. Thanks to its **high tolerance**, it is recommended for sensitive skin.

SEPICIDE™ LD guarantees a great preservation of the formula.

(Phenoxyethanol)

SEPICIDE™ LD has a good activity against gram-negative microorganisms, particularly *Pseudomonas Aeruginosa*.

Formulated with non-ionic surfactants of natural and biodegradable origins: **ORAMIX™ CG 110 & ORAMIX™ NS 10**. Cocoamphodiacetate, amphoteric base, provides skin with smoothness.

ORAMIX™ CG 110 (Caprylyl/Capryl Glucoside): **Non-ionic surfactant from vegetable origin**. It is an ideal solubilizing agent for foaming products; it **solubilizes essential oils, fragrances & preservatives** but also **boosts foam volume**, with a **mild cleansing effect**.

ORAMIX™ NS 10 (Decyl Glucoside): **Very well-tolerated surfactant from vegetal origin**, this **gentle cleanser** provides an **abundant, stable foam**.

AQUAXYL™ moisturizes and restructures the skin while improving foam quality (Xylitylglycoside and Anhydroxylitol and Xylitol)

This natural plant sugar complex **boosts water reserves**, water circulation in all skin layers and **reduces water loss**. It improves the **foam quality and reduces irritation** induced by some surfactants (LESNa...).

ADDITIONAL INGREDIENTS: Disodium Ethylenediaminetetraacetate Dihydrate; Versene™ NA (DOW Chemical Co)/ Fragrance: "Sozio Bath"(SOZIO)

* Data provide from OECD tests, QSAR calculations, products SDS and literature.

More informations available on seppic.com

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