



HYGIENE

# US20178 | CONCENTRATED CLEANSER

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



Gel



NATURALITY PROFILE according to ISO 16128 norm

© UN-SPLASH

Dense foam  
—  
Sulfate-free  
—  
Moisturization

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

Viscous yellow gel / Packaging: Pump

pH: 6.41 / **VISCOSITIES: 1M at RT:** 83,100 cps Brookfield LV64V15  
**Recovery at RT (after 1M at 45°C):** 81,200 cps Brookfield LV64V15  
**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 B 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)

More informations available on [seppic.com](http://seppic.com)

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

**SEPPIC**

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status.

A company  
**Air Liquide**  
HEALTH CARE