Nouryon
Cleaning

Bathroom Soap Scum Remover (Organic acid based)

Description:

Non-abrasive bathroom cleaner for non-porous surfaces including glass showers, ceramic tiles and sinks. The amine oxide, **Aromox® 14D-W970**, helps to boost foam and improve contact time to effectively dislodge soil from surfaces. And Citric Acid, **Berol® 611** and **Dissolvine® GL-47-S** helps to work on the soap scum and hard water stains.

Berol® 611 an environmentally responsible alternative to NPEO for more effective penetration and wetting performance to enhance cleaning performance.

Formula

Trade Name	Chemical Name	% w/w	Supplier
Deionized Water	Water (Aqua)	ad 100	Local
Berol® 611	Alcohol Ethoxylate	1.50	**Nouryon**
Aromox® 14D-W970	Tetradecyldimethyl Amine Oxide	3.00	**Nouryon**
Dowanol® PnB	Propylene Glycol Monobutyl Ether	1.00	Dow
Dissolvine® GL-47-S	Tetrasodium glutamate diacetate	1.00	**Nouryon**
Citric Acid	Citric Acid	2.50	Local
Fragrance, Preservative & Dye	-	q.s.	Local
	Total:	**100.00%**	

Procedure:

1. Charge Deionized Water, Aromox 14D-W970 and Berol 611 into a suitable vessel with mixing capability. Mix till homogenous.
2. Add Dowanol PnB, Dissolvine GL-47-S and Citric acid stepwise with mixing until clear before addition of the next ingredient.
3. Add Fragrance, Preservative and other additives as required.
4. Store formulation in a spray bottle for use.

Properties:

Appearance:	Clear liquid
Brookfield Viscosity at 25ºC, cps:	Water-like
pH:	2.0 –3.0

Application: Ready to use.
Rinse area with water after application.

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