

D-129

BLEACH

SODIUM HYPOCHLORIDE

GUIDELINE FORMULARY

DESCRIPTION

Perfumed bleach
Disinfecting effect

COMPOSITION

	%
EMAL® 270D	1.45
OXIDET® DMCLD	0.1
NaClO	e.q (until 4% available chlorine)
NaOH 50%	e.q (adjust pH = 13)
KAO Fragrance	e.q
Preservative	e.q
Deionized Water	Up to 100

TECHNICAL CHARACTERISTICS

Kao Method

APPEARANCE (20°C):	Transparent liquid	KCSA-258
pH (as it is):	Approx. 13	KCSA-014
VISCOSITY BROOKFIELD (20°C,cP):	Approx. 150	KCSA-227
SURFACE ACTIVE CONTENT (%):	Approx. 1	KCSA-246
STABILITY TEST:	Correct	(1 month 40°C/RT/5°C)

RECOMMENDED OPERATIVE METHOD

Process carried out at room temperature.

Add EMAL® 270D to deionized water (90% of total water approx.).

Add OXIDET® DMCLD.

Add perfume and preservative, stir after each addition until complete homogenization.

Adjust pH to around 12 by the addition of NaOH.

Add NaClO.

Adjust water content and pH to 13.

COMPONENTS

EMAL® 270D (Sodium Laureth Sulfate, ≈ 70% a.m.): anionic character. Primary surfactant, highly foaming. Good detergent properties.

OXIDET® DMCLD (Cocamine Oxide, » 30% a.m.): non-ionic/cationic character (depending on the pH). Stable at acidic and alkaline pH. Foaming and detergent. Thickening and fragrance solubilizing agent in sodium hypochlorite

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Ref.

(Edited April 2017. Updated version July 2020)



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