

D-005

ALL PURPOSE CLEANER

STANDARD

GUIDELINE FORMULARY

DESCRIPTION

Hard surface application detergent

Direct application product

It can be also used as floor cleaner, diluted at 5g/L approx., in water

No rinse is needed

COMPOSITION

	%
ALFANOX® 46	12.5
LEVENOL® C-201	2.5
ICTEOL® K-50	1.5
Butyldiglycol	4.0
Sodium Citrate	2.0
KAO Fragrance	q.s.
Dye(s)	q.s.
Preservative	q.s.
Deionized Water	Up to 100

TECHNICAL CHARACTERISTICS

Kao Method

APPEARANCE (20°C):	Transparent Liquid	KCSA-258
pH (as it is):	Approx. 7.5	KCSA-014
VISCOSITY BROOKFIELD (20°C,cP):	Liquid - No viscous	KCSA-227
SURFACTANT ACTIVE CONTENT (%):	Approx. 8	KCSA-092
STABILITY TEST:	Correct	(1 month 40°C/RT/5°C)

RECOMMENDED OPERATIVE METHOD

The whole process is carried out at room temperature.

Add ALFANOX® 46, LEVENOL® C-201 and ICTEOL® K-50 to the water and stir until complete solubilization.

Add Butildiglycol, stirring until complete homogenization.

Add Sodium Citrate and stir until complete homogenization.

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

Unload the final product.

COMMENTS

Surfactants with a non-ionic character are the most suitable for this application, because they do not ionise in water and therefore, are more stable in front of hardness.

Solvents have to be included to solve the remaining dirt.

COMPONENTS

ALFANOX® 46 (Sodium -Olefin Sulphonate, ≈ 37% a.m.): anionic character. Primary surfactant. It increases foam volume and improves dispersion of the dirt.

ICTEOL® K-50-E (Potassium Oleate, ≈ 50% a.m.): anionic character. Vegetal origin, provides foamy cream and leaves a calm and soft effect to the skin.

LEVENOL® C-201 (Glycereth-17 Cocoate, ≈ 100% a.m.): non-ionic character. Extra-mild surfactant, with co-emulsifying and solubilizing properties. Ecological product. It doesn't need any risk or safety warnings on its label.

The information and recommendations in this publication are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purpose.

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