

Technical Data Sheet

Perlastan® L-30

Anionic surfactant

Field of Application: Cosmetics, household and I&I cleaner, pet care, metal processing industry

Properties:

- **Good foaming power even at higher pH**
- **Stable, long-lasting lather**
- **Buffer capacity at pH of skin**
- **Mildness to skin**
- **Good wetting and detergency**
- **Enzyme inhibition effect**
- **No smear, low non-tacky residues after drying**
- **High efficiency of inhibiting metal corrosion**
- **Compatibility with oxidizing agents**
- **Suitability for semi-natural marketing concept**
- **High biological degradability**
- **Environmentally friendly**
- **Free from preservatives, fragrances and organic solvents**
- **Sulphate free**

Application: Surfactant, cleansing agent, enzyme inhibitor in oral care products and metal anti-corrosion additive in metal working fluids and lubricants

Composition: INCI: Aqua, Sodium Lauroyl Sarcosinate

Product Characteristics:

Supplied form	liquid
Colour	colourless – light yellowish*
Colour number (Hazen)	0 – 60
Transparency	clear*
pH value (10 %)	8.0 – 9.3*
Dry substance at 105°C	29 – 31 %*
Microbiological status: total colonies	<100 cfu/g*

*specified values

**Guide Formulation:****Silkening Shower Gel**

	Ingredients	Weight %
A	Aqua	qs to 100
A	Sodium Laureth Sulfate	35.0
A	Cocamidopropyl Betaine	10.0
A	Cocamidopropyl Hydroxysultaine	10.0
B	Perlastan L-30 (Sodium Lauroyl Sarcosinate)	5.0
B	Polyquaternium-7	4.0
C	Tetrasodium EDTA	0.2
C	Fragrance	qs
C	Preservative	qs
D	Citric Acid	qs to pH = 6.0

Mix the ingredients of Part A in the order listed, proceeding after each addition is clear and uniform. Premix the ingredients of Part B and add to Part A. Continue mixing and add Part C. Adjust the pH to 6.0 with D.

Mouthwash

	Ingredients	Weight %
	Perlastan L-30 (Sodium Lauroyl Sarcosinate)	12.1
	Ethyl Alcohol	10.0
	Flavor	0.15
	Saccharin	0.01
	Aqua	qs to 100

Glass & Hard Surface Cleaner (Concentrate)

	Ingredients	Weight %
	Aqua	93.5 (33)
	Isopropyl alcohol, 99.5%	4.0 (40)
	Propylene glycol n-butyl ether	2.0 (20)
	Perlastan L-30 (Sodium Lauroyl Sarcosinate)	0.25 (2.5)
	Laurylamine oxide	0.25 (2.5)
	Fragrance, dye, preservatives	qs

Shelf Life:

24 months after date of despatch

Storage Conditions:

- Store at room temperature
- Store in closed container
- Stir thoroughly before use
- During storage at low temperatures turbidities or solidification may occur which is completely reversible by means of stirring at room temperature.

Packaging:

Drum of 220 l (200 kg net)
IBC of 1000 l (1000 kg net)

Sample: 1 kg

Note: Regulatory information can be found in the corresponding regulatory data sheet.

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