



## General characterisation

### Chemical description

Lauramine Oxide

## Ingredient information

### CASR-No.

85408-49-7

### EINECS/ELINCS-No.

287-011-6

## Product properties

### Appearance

Transparent liquid slightly yellow.

### Example of use

DEHYTON® PL is a clear yellowish liquid that in aqueous solution offers either a non-ionic or a cationic character depending on pH value of the solution. When the pH value is higher than 7, the non-ionic character is predominant, while up to pH 3, it is cationic character.

Thanks to this property, DEHYTON® PL is suitable to be used as a co-surfactant in detergents. Among its characteristics, we should mention that it acts as a foam booster and foam stabilizer. It gives similar results to those achieved with fatty alkanolamides specially when DEHYTON® PL is used in the presence of dirt and fat residues.

### FORMULATION FOR FOAMING LYES:

Using the combination of concepts of disinfection using sodium hypochlorite and detergency using surfactants, the foaming bleach formulations are proposed.

DEHYTON® PL has been specially designed to be added to sodium hypochlorite in order to obtain this type of formulations.

A frame formulation will be:

- DEHYTON® PL 3 - 5%
- NaOH 50% 2%
- Sodium hypochlorite (40-45 gCl<sub>2</sub>/l) up to 100

The dilution is very easy, directly with stirring at medium speed.

## Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

### Quality control data

(Data which is used for quality release and is certified for each batch.)

Odor evaluation versus standard	corresponds to the standard	
Visual appearance versus standard	corresponds to the standard	
Amine Oxide (MW 246)	29,0 - 31,0 %	EN 1791
Free Amine (MW 230)	0,0 - 1,0 %	EN 1791
pH value (5 % )	6,9 - 7,4	EN 1262

## Storage and transportation

### Shelf life

12 months

### Storage temperature

Store in a dry place.

< + 40 °C

### Storage conditions

In original sealed containers and protected from moisture.

## Disclaimer

All products in the text marked with an ® are trademarks of the Cognis group. The information on product specifications provided herein is only binding to the extent confirmed by Cognis in a written Sales Agreement. COGNIS EXPRESSLY DISCLAIMS ANY RESPONSIBILITY FOR THE SUITABILITY OF THE PRODUCTS FOR ANY SPECIFIC OR PARTICULAR PURPOSES INTENDED BY THE USER. Suggestions for the use and application of the products and guide formulations are given for information purposes only and without commitment. Such suggestions do not release Cognis' customers from testing the products as to their suitability for the customer's intended processes and purposes. Cognis does not assume any liability or risk involved in the use of its products as the conditions of use are beyond its control. The user of the products is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties.