

## Labeling information

INCI name(s)

## Registrations

Ingredient	CASR-No.	EINECS/ELINCS-No.
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Officially listed in / Quality conforms to

## Product properties

### Appearance

Clear, dark brown liquid

### Example of use

Low-foaming nonionic surfactants are usually not soluble in highly alkaline liquid formulations but give a phase separation in e.g. 50 % liquid sodium hydroxide. Here DEHYPON 2555 exhibits its special features: DEHYPON 2555 is not only a surfactant with a high anti-foaming effect in the temperature range of 20°C to 90°C but also formulations can be prepared forming clear solutions in 50 % sodium hydroxide e. g. for CIP-cleaning.

In addition to this a few guide formulations:

#### 1. Formulations for so-called "additives"

Formulation No.	1	2	3	
Constituent				
(Indications in % by weight)				
Sodium gluconate		7.3	7.3	10.0
DEHYPON 2555		50.0	50.0	50.0
Bayhibit AM*	3.0	3.3		1.6
TURPINAL D 2	3.0	3.3		1.6
TURPINAL SL	3.0	3.3		1.6
Deionized water	33.7	32.8		35.2

\* Bayer AG, Leverkusen

All these formulations ("additives") are stable in the temperature range of 5°C to 45°C.

Preparation of alkaline solutions 1 to 10 % by weight of these formulations 1, 2 und 3 are soluble in 99 to 90 % by weight of a 50 % liquid sodium hydroxide, e.g. 10 % of formulation 1 + 90 % of 50 % sodium hydroxide.

To obtain a clear solution attention has to be paid that 10 % e.g. of the formulation 1 is incorporated into 50 % sodium hydroxide under very slow stirring (or pumping).

If 10 % of formulation 1 are added quickly and without stirring to the liquid sodium hydroxide a cloudy solution will result.

Same applies to the formulations 2 and 3.

These guide formulations are stable at a temperature range between +5 to 45°C.

DEHYPON 2555 is a surfactant blend with high anti-foaming effect which is soluble in 50 % sodium hydroxide - in the presence of complexing agents such as e.g. gluconate.

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