Product Data Sheet
EUPERLAN® PK 3000 OK

General characterisation
Chemical description
liquid dispersion of pearliser and auxilaries

Labeling information
INCI name(s)
Glycol Distearate (and) Glycerin (and) Laureth-4 (and) Cocamidopropyl Betaine

Registrations

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CASR-No.</th>
<th>EINECS/ELINCS-No.</th>
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<td>91031-31-1</td>
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</tbody>
</table>

Officially listed in / Quality conforms to
JCIC listed by single ingredients

Product properties
Appearance
EUPERLAN® PK 3000 OK is a cold processable, pumpable pearlshine concentrate with a typical faint odour.

Example of use
The product is suited for the preparation of very dense and brilliant surfactant preparations.

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.)
Appearance conforms to standard
Odour conforms to standard
Dry residue 60 - 64 % ISO 1625 (succeeds DIN 53189/method C)
pH value (10 % sol.) 3.0 - 3.5 DGF H-III 1
Sodium chloride max. 1.3 % DGF H-III 9
Density (20° C) min. 0.95 g/cm³ DIN 51757/method D
Viscosity (20° C) 4000 - 10000 mPas ASTM D 2196-86*

* Brookfield, RVF, spindle 5, 10 rpm

Additional product descriptive data
(Data which is proven statistically but not determined regularly.)

Storage and transportation
In unopened original containers and at temperatures below 30° C EUPERLAN® PK 3000 OK can be stored for at least 6 months. The product does not contain any preservatives. During longer storage periods, slight separations might occur which, if necessary, can be eliminated by stirring without changing the pearlescent quality in the final product. Preferably, the content of the complete packaging should be processed. During storage in metal containers EUPERLAN® PK 3000 OK can react corrosively. Therefore storage tanks made of the steel quality material no. 1.4539 or better and plastic (GFK) are suitable for storing EUPERLAN® PK 3000 OK. The V4A steels (material no. 1.4401, 1.4404, 1.4571) can not be recommended. EUPERLAN® PK 3000 OK should preferably be processed at temperatures between 15° C and 35° C. At temperatures outside the given range the pumpability may be restricted due to an increase in the viscosity. This property is characteristic of the product and reversible by heating at 20 - 25° C with stirring. During longer storage periods, slight separations might occur which, if necessary, can be eliminated by stirring without changing the pearlescent quality in the final product.

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