

EKOFLOCK 90



PRODUCT SPECIFICATION

Polyaluminiumchloride solution (PAC)

Refers to safety data sheet Ekoflock 50-100

EKOFLOCK 90 has a high ionic strength and a very unique composition and as a result it cannot be analysed using standard water analysis methods. Specially formulated methods are required. When the pH was calculated, it was found to be > 2 . Relevant analyses were carried out at 20°C.

| Parameter | Specification |
|----------------------------|--------------------------------------|
| Appearance | Yellowish liquid |
| Odour | Mild |
| pH | < 2 (See introduction text above). |
| Density | $1370 \pm 25 \text{ kg/m}^3$ |
| Lowest storage temperature | Approx. -20°C |
| Durability | At least 6 months |
| Viscosity | 145 mPas (-20°C) 31 mPas (20°C) |

| | |
|-----------------------------|--------------------------------|
| Aluminium (Al) | $9,0 \pm 0,3 \text{ weight\%}$ |
| Chloride (Cl) | $21 \pm 3 \text{ weight\%}$ |
| Sulphate (SO ₄) | $< 1 \text{ weight\%}$ |
| Basicity | $45 \pm 3 \text{ weight\%}$ |

| Trace elements | Typical content (mg/kg) |
|----------------|----------------------------|
| Antimony (Sb) | 0,004 |
| Arsenic (As) | 0,02 |
| Cadmium (Cd) | $< 0,001$ |
| Chromium (Cr) | 0,21 |
| Cobalt (Co) | 0,007 |
| Copper (Cu) | 0,37 |
| Lead (Pb) | 0,06 |
| Mercury (Hg) | 0,002 |
| Nickel (Ni) | 0,22 |
| Selenium (Se) | $< 0,01$ |
| Silver (Ag) | $< 0,001$ |
| Tin (Sn) | 0,18 |
| Zinc (Zn) | 0,70 |

Results from previous year.



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EKOFLOCK 90 meets The European Standard EN 17034:2018 Typ 1 – Chemicals used for treatment of water intended for human consumption and The Swedish National Food Administration's Ordinance with regulations and general advice on drinking water, SLV FS 2001:30 consolidated 2017-09-21 (including all changes even LIVSFS 2017:2).

General comments:

Contact Feralco Nordic AB for further information about handling, classification and labeling. Study the SDS (Safety data sheet) before handling the product.

We recommend that the storage tank visually inspected and if necessary cleaned once/year to avoid accelerating precipitation of hydroxide. Cleaning of tank is also required when changing product.

It is most appropriate to dose EKOFLOCK 90.



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