

AEC – Coagulating agent

Description

AEC = Coagulating agent

Application

AEC 90 is a universally applicable coagulating agent for the treatment of wastewater derived from a variety of branches, such as the metal-, paint and automotive branches.

Properties

AEC 90 is a highly concentrated powder-like coagulation agent that reacts neutrally. It does not produce inconvenient foam.

Advantages

- Low consumption
- No foam forming
- Fast working
- A reduction of the amount of chemical waste

Use

Add an amount of coagulation powder – 2 to 5 % - to the with paint polluted wastewater. The higher the amount of paint residue in the wastewater, the more coagulation powder needs to be added.

In practice this means 1 litre (1000cc) of coagulation agent for 25 to 30 l of wastewater.

The coagulation powder needs to be thoroughly mixed with the wastewater for 5 minutes, by means of compressed air. After that the entity needs to rest for 5 to 10 minutes. The coagulation powder will separate the paint particles from the water and they will as it were coagulate.

Then let everything run through the filter; the refuse will remain in the filter while the water runs through the filter. This water can then be used again to clean or can be discharged in the sewer.

Depending on the level of pollution the filter can be used 1 to 5 times.

Product data

SYMBOL:	XI	
Irritating		
R-phrases:	41 – 38	
S-phrases:	51 – 37/39 – 26 – 24/25	
Physical form:	solid	
Colour:	grey	
Odour:	no odour	
Density (20°C):	1,4 – 1,5	g / cm ³
Schudgewicht:	ca. 780	g / l
Solubility in water (20°C):	good	gew. %
VOS:	0	g / l

Storage and shelf life

Clean and dry in a well ventilated area, preferably at a temperature 23°C, out of direct sunlight, 55% relative humidity. Stored under these conditions shelf life will be 1 year.

The above information is given in good faith, but the user should assure himself that the performance of the product is sufficient for his application. The quoted values are average and should not be taken as maximum or minimum values for specific purposes. Chemicar Europe cannot be held responsible for product failure unless full testing has been carried out.