



MOREFLOC® EC-4891

Flocculant

MOREFLOC EA-4891 is a high molecular weight moderately charged cationic flocculant for use in sludge conditioning and waste treatment processes that exhibit unusually high cationic demand.

Application & Function	<ul style="list-style-type: none"> ● Flocculation is the process of getting particles prepared by coagulation to stick together to form bigger particles. ● MOREFLOC EA-4891 can be helped by adding a polymer, which makes the large floc stronger ● MOREFLOC EA-4891 is highly effective cationic poly-electrolytes which may be used as a coagulant or a dewatering aid..
	<ul style="list-style-type: none"> ● Increases filtration rates and dryness of sludge cakes. ● Increase solids recovery and clarity of centrate in centrifuging. ● Attains fast solids setting and improves supernatant clarity in gravity setting ● Handling costs are minimized, and effective low dosage systems. ● Performs well under high pH conditions. ● Liquid component is easy to feed accurately, directly from the drum or by simple manual addition.
Advantages	
Typical Property	<ul style="list-style-type: none"> ● Appearance : White emulsion Solid(%) : above 40 ● pH (0.1%) : 4.8 ±1.5
	<ul style="list-style-type: none"> ● Solution concentration : 0.05 ~ 0.4% ● Solution method <ol style="list-style-type: none"> ① Operate activator after water level being up to activator's blades. ② Pour more water in tank to be solution concentration (0.05~0.3%) after putting chemical. ③ Mix for an additional 10-30 minutes to insure complete dissolution.
Application	<ul style="list-style-type: none"> ● Injection pump : Piston or Diapump are suited to it ● Standard injection rate : Injection rate is changeable according to kinds of (or nature) sludge, hydroextractor, operating condition, etc. ● Injection method : Decide injection rate after lab or field test to optimum injection point, rate, operating condition, etc.
Handling & Storage	<ul style="list-style-type: none"> ● It exhibits a very low order of oral toxicity and does not present any abnormal problems in its handling or general use. ● It should be stored at temperature between 5~30°C
Packing	<ul style="list-style-type: none"> ● 20kg, 200kg PE 1Ton container

Official worldwide distributor



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