

CAUTION Keep out of reach of children
Read safety directions before opening

FLOCCULANT

WATER AND EFFLUENT TREATMENT

UN	3082	HAZCHEM CODE	3Z	PACKAGING GROUP	III
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Cyndan Flocculant is a cationic polyelectrolyte that is employed as a flocculating aid, and sludge dewatering aid. It is used in the clarification of industrial water and in the removal of suspended solids from wastewater. Other applications include liquid-solid separation of oil and water, for example, in petroleum secondary recovery operations.

DIRECTIONS:

Cyndan Flocculant dissolves easily and completely in water, and there is no need for special dissolving equipment or for screens to remove undissolved solids or gel particles. To ensure uniform distribution, it is important to dilute Cyndan Flocculant with water before feeding it to the system. Pre-dilution of the product with 250 parts water to provide a solution of no more than 0.1 percent polymer solids is recommended. It can be used alone or in a combination with primary coagulants such as alum, lime or iron salts. Since it can partially or completely replace these inorganic coagulants and is used in lower concentrations, Cyndan Flocculant can provide a substantial reduction in the amount of sludge produced and thus also reduce sludge handling and disposal problems and costs. Addition rates for Cyndan Flocculant range from as low as 4ppm (parts per million) to 3ppm or more. Optimum amounts of Cyndan Flocculant, and/or organic coagulant should be determined for the particular system being treated by on-site flocculant tests.

SLUDGE DEWATERING: For improving the dewatering of sludges from water and effluent treatment systems, Cyndan Flocculant is added continuously to the sludge prior to centrifuging or filtering. The polyelectrolyte is usually added at the intake of the pump moving the sludge to the centrifuge or filter or directly to the centrifuge bowl. The initial addition should be made at a concentration of 4ppm Cyndan Flocculant, and the concentration should be increased gradually to determine the optimum amount, which could be as high as 200 to 400ppm.

MINERAL AND CHEMICAL PROCESSING: Cyndan Flocculant is an efficient flocculant for use in many mineral and chemical processing operations. In the latter processing it is used in the final washing stages to improve separation of the solids from the washing liquid. Addition rates for Cyndan Flocculant in these applications will, of course, vary according to the process. Typically, concentrations might be in the order of 80 to 120ppm.

SAFETY: Avoid contact with eyes.

FIRST AID: If swallowed, do NOT induce vomiting, give a glass of water and seek medical attention. Contact the Poisons Information Centre (13 11 26 Australia; 0800 764 766 New Zealand). If in eyes, hold eyelids open and flush with water for at least 15 minutes.

Batch #:

* Trademark

25 Litre



CYNDAN
chemical solutions



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