



ENVIROBRITE[®]

WTF-350

(Formerly Polyfloc 1513)

POLYELECTROLYTE FOR WATER TREATMENT SYSTEMS

***Ready to use
formulation.***

WTF-350 is a unique, medium molecular weight, anionic polyelectrolyte designed to be used as a precipitation aid and sludge conditioner for waste water treatment systems.

***Immediate
flocculation activity.***

WTF-350 has been found particularly effective for metal finishing and most industrial thickening and clarification operations as well as metal hydroxide precipitation.

***Very economical to
use.***

WTF-350 is designed to be used at full strength, eliminating the need to make up stock solutions prior to use, thus completely eliminating the make up difficulties of powders and emulsions. It blends into the waste stream immediately with no undissolved particles, globules or waste.

***Non-hazardous to
use.***

WTF-350's concentrated formula is extremely economical to use. One gallon of **WTF-350** will treat up to 100,000 gallons of waste water. It may be injected into a flowing stream, or may be metered into an agitated flocculator tank.

***Effective over a wide
pH range.***

***Works well with
other treatment
aids.***

OPERATING DATA

WTF-350

Use as received.

Dosage

6 to 12 ppm.

Agitation

Low speed agitator.

APPLICATION

WTF-350 should be metered full strength into the flocculation station of conventional hydroxide precipitation waste water treatment systems. Typical feed rates of **WTF-350** vary from 8 to 12 ppm which is the equivalent to one gallon treating 25,000 to 82,000 gallons of waste water. **WTF-350** works well over a wide pH range with values of 7.5-10.0 being optimum.

Uniform agitation is vitally important for optimum contact. Mild agitation by low speed non-shear agitators is recommended. Do not use high speed mixers or pump recirculation for mixing or an agitator speed over 100 RPM. These methods will shear and break up the floc formation.

Due to the wide variety of waste water treatment facilities, equipment and waste material to be treated, it is recommended that a water treatment study be performed to assure the most cost effective treatment method available. The **A BRITE ENVIRONMENTAL SERVICE LABORATORY** is able to perform the necessary studies, at no charge, to assist in selecting the product or products which best suit your requirements.

STORAGE/HANDLING

Store at 40-95° F (5-35° C) for maximum stability. Keep away from heat, sparks and open flame. Do not get in eyes, skin or clothing. Do not take internally. Wear proper protective clothing and face shield. Material spilled on floors is very slippery and most difficult to wash down. Material should be scooped up as much as possible and the remaining thin film adsorbed with absorbent clay or sweeping compound. **Refer to the Material Safety Data Sheet for more complete details.**

MATERIAL SAFETY DATA SHEETS

Material Safety Data Sheets (M.S.D.S.) are readily available on this product. It is strongly recommended that all personnel thoroughly read and understand the information contained in both the Technical Data Sheet and the Material Safety Data Sheet before using this product.

WARRANTY

The information presented herein, while not guaranteed, is to the best of our knowledge true and accurate. No warranty or guarantee expressed or implied is made regarding the performance of any products, since the manner of use is beyond our control. No suggestion for product use nor anything contained herein, shall be construed as a recommendation for its use in infringement of any existing patent, and we assume no responsibility or liability for operations which do infringe any such patents. The above includes confidential and proprietary information of **A BRITE COMPANY** and is furnished to you for your use solely on products or processes supplied to you by us.