

WEST CO-50

COAGULANT

WEST CO-50 is a liquid coagulant which mainly contains aluminum chloride sulphate hydroxide.

In water treatment, **WEST CO-50** reduces turbidity and chemical demand in oxygen in the effluent. Unlike liquid alum, **WEST CO-50** has little effect on alkalinity, is not sensitive to water temperature and produces less sludge.

In pulp and paper processes, **WEST CO-50** effectively sets dyes, pigments and improves drainage and retention.

FEATURES & BENEFITS

- Very effective in controlling organic deposition on wire formers and felts
- Excellent alternative to more expensive cationic coagulants such as polyamines, polyimines or polydadmecs
- Does not require dilution equipment
- Safe on plastics



DIRECTIONS FOR USE

Techniques

For the treatment of effluents or process water, a dosage of 20 to 500 ppm is generally necessary to achieve good coagulation. If the pH is less than 4.0 or greater than 10.0, it is recommended to adjust the pH for best results. Beaker tests should be performed to verify and validate the optimum concentration.

For fixing dyes, pigments and for retention or drainage, it is recommended to use **WEST CO-50** at a dosage of 3.0 to 15.0 kg per ton of dry paper. Charging and drainage metering is necessary to optimize the use of the product. For deposit control, a dosage of 3 to 8.0 kg / ton of dry paper will generally achieve the desired results.

When **WEST CO-50** is mixed with water, it will precipitate within 30 to 45 minutes. If the pure product is slightly diluted, then a gel will form. The product then becomes unusable. Therefore, the product should not be diluted with water, except when testing in a beaker.

WEST CO-50 COAGULANT

PHYSICAL PROPERTIES

Appearance	Clear, colorless to amber liquid
Odour	Odorless
Specific gravity @ 20°C	1.18-1.28
Viscosity	Not available
pH	2.1-3.1
Flash point (TCC)	Not available
Water solubility	Complete
Auto ignition temperature	Not available
Boiling point	102°C
Freezing point	-12°C
Foaming tendency	Not applicable
Concentration monitoring techniques	Not applicable
Rinsing	Excellent

INCOMPATIBILITY

Strong bases

WAREHOUSING PRECAUTIONS

Keep containers tightly closed in a dry, cool and well-ventilated place

AVAILABLE SIZES

			
		205L	1000L



IMPORTANT

Before using **WEST CO-50**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

FIRST AID MEASURES

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Skin contact

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

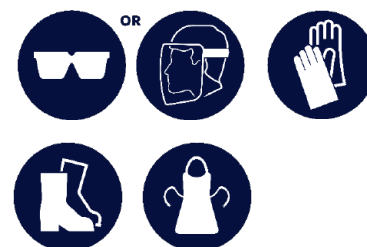
Inhalation

Remove person to fresh air and keep at rest in a position comfortable for breathing. Practice artificial respiration if the victim is no longer breathing. Seek immediate medical attention if breathing difficulties persist.

Ingestion

Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

PERSONAL PROTECTION



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