



CARBO UA
INTERNATIONAL

Product Data Sheet:

Wastewater treatment: Colour removal in Textile wastewater

Product: TX-L1

Carbo-UA product **TX-L1** is a coagulant liquid specifically designed for turbidity and colour removal in the wastewater produced from Textile dye processing. CarboUA **TX-L1** is designed to be used after treatment with **CarboUA TX-7**, in applications where maximum impurity removal is desired. Due to the outstanding decolourisation properties of CarboUA **TX-7**, only a minimal dosage of **TX-L1** coagulant (~50 ppm) is applied to the wastewater to achieve maximum colour reduction in the wastewater effluent or wastewater recycle stream. The combined treatment process of CarboUA **TX-7** followed by **TX-L1** is highly suitable for meeting the most stringent effluent purity standards, and for enabling the full or partial recycle of wastewater for re-use in the production process.

General Specifications

pH: 3 - 5

Density: 1.1 – 1.2 kg/L

Appearance Pale yellow, viscous liquid

Method of Application:

Carbo-UA **TX-L1** is dosed just prior to the decantation or air-flotation clarification process. The ideal application for achieving maximum impurity removal and low solid wastes, **is to add TX-L1 at a location after CarboUA TX-7 has had 5 – 10 minutes contact time to reduce the majority of the wastewater colour.** A dosage of 25 – 100 ppm **TX-L1** is usually all that is required after TX-7 treatment, to achieve maximum colour and turbidity reduction.

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Customized product specifications on individual customer's wastewater can be tailored to insure performance consistency on an individual customer basis.

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