



DamClear Clarity Aid CL

Product Description

DamClear Clarity Aid CL is a water clarification aid which is applied to water contaminated with finely suspended solids such as clays and sediment.

DamClear Clarity Aid CL is supplied as a liquid solution and is available in pack sizes of 1 Litre & 5 Litre bottles, and either 20 Litre, 200 Litre or 1,000 Litre drums.

Product Features

- Safe for Fish ✓
- Good aquatic toxicity ✓
- Usually does not affect water pH ✓
- Fast acting ✓
- Low cost ✓

Typical Applications

DamClear Clarity Aid CL is used for clarification of water on construction sites, in storm water retention ponds, mine water dams, farm & stock dams and irrigation dams.

Clays such as bentonite and montmorillonite, which are classified as swelling clays, are very stable when dispersed in water. Left untreated they may take many weeks to naturally clarify. Similarly, water contaminated with ultrafine and colloidal clays can also be very slow to clarify. DamClear Clarity Aid CL rapidly clarifies difficult to treat turbid water.

This product is suitable for applications that are environmentally sensitive. The treated, clarified water, will in most cases be suitable for direct discharge to sewer and to rivers & streams.

- **Construction sites**
Clarification of storm water on building sites, and commercial & residential developments.
- **Road Construction**
Clarification of storm water run-off in Sediment Retention Basins for road, rail and tunnel construction.
- **Dam Water**
Clarification of clay contaminated river and dam water for live stock, irrigation and horticulture and for ascetic improvement.

Application Instructions

DamClear Clarity Aid CL should be diluted prior to use to about 1/10. Apply to dam water either by:

- **Surface Spray**
Spray required quantity evenly over dam surface & leave undisturbed for 24 hours. A fire fighting pump or similar is ideal for surface spraying.
- **Drip Feed or Metering Pump**
DamClear can be added at a controlled rate into dam feed water pipe or into a recirculating water flow by drip feed or metering pump at appropriate rates.

Application rates are about 100-300 mg/L (100-300 kg per million litres). Usually a minimum dose is required before any benefit is seen. Once the minimum dose is attained water clarity improves with increasing dose rate. Do not overdose. Determine quantity required before application to dam using jar tests on 500 mL samples of water. Free water test kits with instructions are available from Environmental Warehouse.

DamClear Clarity Aid CL may increase water salinity, and this should be taken into account before using this product.

Option - Use with DamClear Floc Blocs

For applications where water clarification needs to be completed quickly, use with DamClear Floc Blocs. This is a two step treatment process in which the water is first treated with Clarity Aid CL and then with Floc Blocs. This will result in fast solids settling rates of up to 5 metres per hour, and complete water clarification within a few hours.

Product Handling & Storage

Wear gloves, eye protection and suitable protective clothing when handling.

Store in a cool, dry area. Protect against physical damage. Keep containers sealed when not in use.

Refer to MSDS before using this product. The MSDS is available from our website, www.enviowarehouse.com.au