



**MAGIC FOR  
CRYSTAL CLEAR  
WATER**



**Removal of Algae**

**Removal of Colloids**

**Primary and Secondary Clarification**

**Heavy metal removal and Emulsions**

**Jaadu**  
Swimming Pool Settler

JAADU is a high active, low molecular weight, liquid settler designed for potable water treatment applications for removal of suspended solids and algae. JAADU can eliminate the need for alum and other inorganic chemical treatments; reduce or eliminate the need for pH adjustment; form a compact, easily settleable floc; and function over a pH range of 5-10.

JAADU is resistant to chlorine and can be used in pre-chlorinated water without a reduction in activity.

Principal uses

- For crystal clear water in the pool
- Removal of Algae
- Removal of colloids
- Primary and Secondary clarification, municipal and industrial raw water.
- Heavy metal removal and emulsions

Materials of compatibility

Compatible	Not Compatible
Buna-N	Aluminum
Fiberglass (411)	Brass
Hypalon	Carbon Steel
Neoprene	Copper Alloys
Plasite 4005	Natural Rubber
Plasite 6000	Nickel
Plasite 7122	Stainless Steel 304
Polyethylene	Stainless Steel 316
Polypropylene	
Polyurethane	
PVC, Teflon, Vinyl	
Viton	

Mild steel and stainless steel are satisfactory for handling dilute (<1%) solutions.

The JAADU feed point in a typical swimming pool or clarification application should be selected to achieve maximum mixing and product dispersion. In general, it can be added directly in the pool and mixed. JAADU generally requires shorter stirring and settling rates.

A 1 % solution should be used for bench testing. It is recommended that the 1 % stock solution should be used within four hours after prepared as changes in coagulation activity and stability occur rapidly with dilutions.

Environmental and toxicity data

Refer to the product's Material Safety Data Sheet, SECTIONS 11 and 12, for all aquatic and mammalian information.

JAADU should be handled as an acidic material. Do not get in eyes, on skin, or on clothing. Wear gloves or safety glasses when handling. Avoid prolonged or repeated breathing of vapor. Do not take internally.

Physical & chemical properties

Form	Liquid
Appearance	Clear pale yellow
Odor	Odorless
Specific Gravity @ 25°C	1.22-1.26
Density	1224 – 1260 kg/m3
Solubility in Water	Soluble 100%
pH (100%)	4
Viscosity @ 23°C	60 centipoise
Freeze Point	-6.7°C
VOC Percentage	0.00%

Note: These physical properties are typical values for this product and are subject to change.

Dosage and feeding

JAADU dosage is highly dependent upon the application and system. Jar tests are necessary to determine the optimum dosage. Certain case studies on very highly polluted swimming pool water with algae shows a dosage of 1 to 1.5 PPM was very effective in removal of turbidity and enhancing the clarity. Generally, the JAADU dosage is quarter or less than quarter of the alum dosage.