

JMN SPECIALTIES, INC.

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PRODUCT BULLETIN

DYE SPEC GREEN LIQUID

Fluorescent Green Tracer Dye

General Description

DYE SPEC GREEN TRACER DYE is designed for use in pipeline hydro-test and flooding applications. In addition, **DYE SPEC GREEN TRACER DYE** is ideal for sewer line tracing and a myriad of leak detection studies such as storage tanks, cooling towers and to gauge the infiltration of soil with waste waters from industrial sources. **DYE SPEC GREEN TRACER DYE** is designed to provide maximum solubility in fresh or salt water. These dyes can be detected by the eye in open lakes or seawater as a marker buoy in concentrations of one part per million. In actual practice, it is suggested that tracings start with thirty parts per million (30ppm) liquid, so to allow for dilution factors, wave action, etc. **DYE SPEC GREEN TRACER DYE** in the liquid form is dark green. When contacted with water and dispersed the water becomes fluorescence green in hue with a distinctive characteristic green fluorescence. Detection via black light occurs at 380 nanometers.

Application

DYE SPEC GREEN TRACER DYE, when used in diving operations, can be pumped into spool pieces, pipelines, or tanks, prior to insertion subsea. The liquid dye will disperse once water fills the item being tested. For surface applications, the liquid can be placed into equipment being tested for leaks. The immediate dispersion time helps reduce time spent in timing flowing and circulation applications. For small applications, handling under water at flanges, etc., **DYE SPEC TRACER DYE STICKS** may be more efficient.

DOSAGE 30PPM	GALLONS	CUBIC FEET	DYE NEEDED
	8,400	1123	1 Quart
	42,000	5,615	1.26 Gallons
	84,000	11,230	2.52 Gallons
	168,000	22,460	5.04 Gallons
	336,000	44,920	10.08 Gallons

Physical Properties

Form	Liquid
Flash point	None
Specific Gravity	8.5
Solubility	Complete in fresh or salt water

Availability

DYE SPEC GREEN TRACER DYE is available in UN approved 5 gallon pails, 55 gallon drums and bulk quantities.

Handling

Observe warning label on containers. Normal precautions for industrial chemicals apply.