

JMN SPECIALTIES, INC.

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PRODUCT BULLETIN

DYE SPEC U LIQUID

Fluorescent Tracer Dye NPDES Permit # GMG290000

General Description

DYE SPEC U TRACER DYE is designed for use in pipeline hydro-test and flooding applications. In addition, **DYE SPEC U 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 U 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 U TRACER DYE** in the liquid form is dark red/orange. When contacted with water and dispersed the water becomes fluorescence yellow in hue with a distinctive characteristic green fluorescence. Detection via black light is between 420 and 520 nanometers with a peak absorption wavelength of 490. Critical Dilution: 50 mg/l Product, Parameter # 51726. NPDES Permit # GMG290000.

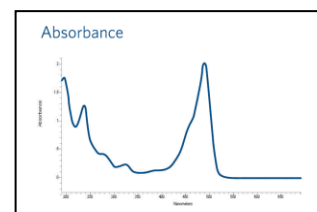
Application

DYE SPEC U 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
	2,000	267	2 Quart
	8,000	1069	2.00 Gallon
	16,000	2139	4.00 Gallons
	32,000	4278	8.00 Gallons
	64,000	8556	16.00 Gallons

Physical Properties

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



Availability

DYE SPEC U 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. This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this product to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.