

Ecoscint™ O



- Cocktail for Non-Aqueous Samples
- Readily Biodegradable
- Excellent Counting Efficiency
- Low Toxicity

Ecoscint O is intended for use with nonaqueous samples. Ecoscint O is readily biodegradable, and because of its high flash point and low toxicity, Ecoscint O represents a substantial improvement in safety over conventional cocktails. Additionally, Ecoscint O exhibits lower backgrounds and improved quench resistance compared to non-biodegradable solutions.

APPLICATIONS

Excellent for:
Organic or hydrophobic samples, carbon dioxide and oxidation counting, alpha particle counting, radon extraction.
Counting discrete samples p. 152

Product Name	Cat. No.	Size
Ecoscint O	LS-274	1 x 4 liter 4 x 4 liter 20 Liter

Ecoscint ORIGINAL



- The Original Ecologically Responsible Scintillation Fluid
- Readily Biodegradable

Ecoscint, the first ecologically friendly scintillation solution, is still available from National Diagnostics. Ecoscint offers the convenience of a complete and ready-to-use solution, for both aqueous and nonaqueous samples. Substantially less toxic than conventional scintillation fluids, Ecoscint is biodegradable and nonflammable.

Ecoscint has comparable efficiency and greater sample holding capacity than conventional scintillators, and maintains a single liquid phase up to saturation.

APPLICATIONS

Excellent for:
Aqueous samples, agarose gels, paper or glass filters.
Useful for:
Alkaline samples, biological samples, milk, plasma, high salt solutions, homogenized or solubilized tissues.
Counting discrete samples p. 152

Product Name	Cat. No.	Size
Ecoscint	LS-271	1 x 4 liter 4 x 4 liter 20 Liter

Storage, Packaging, and Disposal of Biodegradable Scintillation Fluids

Storage: All Ecoscint products and Uniscint BD solutions are best stored tightly capped in a cool dry area. No deterioration has been observed on storage for five years at room temperature, or heating to 50°C for one week or cooling to -30°C for one week.

Packaging: All Ecoscint and Uniscint BD solutions are supplied in unbreakable 4-liter and 20-liter fluorinated high density polyethylene containers. Shipping weight is 9lbs. (4kgs.) per 4-liter bottle and 40 lbs. (18kgs.) per 20-liter drum.

Disposal: U.S. Federal Nuclear Regulatory Commission and Environmental Protection Agency regulations permit the disposal of Ecoscint products through conventional sanitary sewage systems. Liquid scintillator counting solutions of Ecoscint products containing Tritium and/or Carbon-14 in concentrations of 0.05 microcuries or less per gram may be disposed of without regard to radioactivity. However, a record of such disposal must be maintained (10 CFR Part 20 Section 20.306). It is important to note that local regulations may differ from and supercede federal regulations. In this case, local regulations concerning the disposal of Tritium and/or Carbon-14 must be followed. Ecoscint products are considered "organic matter" and may be disposed of accordingly.