



PRODUCT SHEET

Solubilizers

Main Applications

Solubilization and digestion of biological samples for direct liquid scintillation counting.

Packing

Order N°.	Description	Packing
ME-DIV-GTS05	GoldiSol	500 mL glass bottle
ME-DIV-ATS05	AquiGest	500 mL glass bottle
ME-DIV-HTS05	Hyamine Hydroxide	500 mL glass bottle

Physical and chemical properties

Solvent : GoldiSol: Isopropanol
AquiGest: Water
Hyamine Hydroxide: Methanol

Flash point : GoldiSol: 12°C
AquiGest: non applicable
Hyamine Hydroxide: 11°C

Conditions of utilization

Recommended T of utilization: /

Storage: Dry and dark, T<30°C

TECHNICAL INFORMATION

Solubilizers



GoldiSol - IPA based, Toluene and Methanol free non-toxic solubilizer.

Solubilizes tissues, tissue homogenates, whole blood and high water content samples such as plasma, brain and polyacrylamide gels. Does not froth when peroxide is added to decolorize the tissue digest, resulting in simple and easy decolorisation.

AquiGest - Aqueous based solubilizer (not classified as flammable or toxic).

Can replace organic solvent based solubilizers for a wide range of samples while providing equivalent or even faster dissolution. Resulting tissue digests are in general less coloured than digests obtained with organic solvent based solubilizers.

Hyamine Hydroxide - Can be used to solubilize many biological tissues and as $^{14}\text{CO}_2$ trapping agent.

Sample digestion/solubilization procedures for biological samples are available on request