

# LIQUID SCINTILLATION COUNTING

## *Consumables*

*LSC Cocktails*

*Cocktails for  
measuring Radon*

*Oxidizer/Pyrolyzer  
supplies*

*Solubilizers*

## GoldStar Cocktails

*Classical DIPN based biodegradable cocktails.*

*All the cocktails have a high flash point, low toxicity, are safe and non-volatile.*

### *Gold Star*

Used for aqueous and organic samples

### *Gold Star Quanta*

High efficiency version of GoldStar



### *Gold Star LT2*

High performance cocktail for Tritium measurement down to 12°C

### *Gold Flow*

Non-gelling low-viscosity flow cocktail

### *Star Gel*

Gelifying cocktail e.g. for suspension counting

## ProSafe<sup>+</sup> Cocktails

*Range of Drain Disposable NPE-free DIPN based LSC Cocktails.*

*Designed to be in accordance with the EC Directive 2003/53/EEC.*

*ProSafe<sup>+</sup>* for routine general counting

*ProSafe HC<sup>+</sup>* for both dilute and higher concentration samples

*ProSafe FC<sup>+</sup>* for counting wet and dry filters

*ProSafe TS<sup>+</sup>* for use with organic and aqueous based solubilizers



## Rn Cocktails

*These water immiscible cocktails are designed for measurement of Radon in water*

*RadonCount* - Pseudocumene based cocktail

*ProScint Rn* - Mineral oil/pseudocumene based cocktail

## Oxidiser and Pyrolyser supplies

### *CarbonTrap*

High capacity carbon dioxide absorber used to trap radioactive carbon dioxide

### *Tritium Count*

Cocktail designed for high efficiency Tritium counting using a sample oxidizer

### *CarbonCount*

The specialist cocktail for counting radioactive carbon dioxide captured in CarbonTrap

## COCKTAIL EQUIVALENTS CHART:

*Cocktails based on the same solvent accordingly the same quench curve may be used\**

Meridian	PerkinElmer
ProSafe <sup>+</sup>	Ultima Gold / Hi-Safe
ProSafe HC <sup>+</sup> / Gold Star	Ultima Gold XR / Hi-Safe
ProSafe FC <sup>+</sup>	Ultima Gold MV / Supermix / Filter-Count
ProSafe	Hionic Fluor
ProSafe G <sup>+</sup> /Gold Flow	Ultima-Flow M / Opti-Flow Safe I
ProSafe P <sup>+</sup>	Ultima-Flo AP / Ultima-Flo AF
RadonCount	Insta-Fluor Plus / OptiScint Safe
ProScint Rn	Ultima Gold F / Scint Hi-Safe / High Efficiency Mineral Oil Scintillator
StarGel	InstaGel
Gold Star LT2	Ultima Gold AB / Ultima Gold LLT / Tri-Safe
Gold Star Quanta	Ultima Gold AB / Ultima Gold LLT / Tri-Safe
CarbonCount	Permafluor E+ / Optisorb-S
CarbonTrap	Carbosorb E / Optisorb-1
GoldiSol	Soluene-350 / Optisolve
AquiGest	SOLVABLE
Hyamine hydroxide	Hyamine hydroxide

\*James Thomson (Meridian): Quench and quench curves

[http://www.triskem.com/iso\\_album/james\\_thomson\\_quench\\_and\\_quench\\_curves.pdf](http://www.triskem.com/iso_album/james_thomson_quench_and_quench_curves.pdf)



Available: Glass & Plastic Vials  
(7,8 and 20 ml)

Technical support at  
[contact@triskem.fr](mailto:contact@triskem.fr)

Product	Packaging	Price (euros)
<b>GOLD STAR COCKTAILS</b>		
Gold Star multi-purpose liquid scintillation	2 x 5L	281 €
Gold Star Quanta high performance	2 x 5L	291 €
Gold Flow Multi purpose	2 x 5L	281 €
Gold Star LT2	4X2,5L	346 €
Gold Star LT2	2 x 5L	125 €
StarGel Gelling Cocktail	1 x 5L	173 €
StarGel Gelling Cocktail	2 x 5L	324 €
<b>NEXT GENERATION COCKTAILS</b>		
ProSafe <sup>+</sup> (High Performance Cocktail)	2 x 5L	263 €
ProSafe HC <sup>+</sup> (High Capacity)	2 x 5L	279 €
ProSafe TS <sup>+</sup>	2 x 5L	289 €
ProSafe FC <sup>+</sup> (for Filters)	2 x 5L	251 €
ProFlow G <sup>+</sup> (General purpose)	2 x 5L	281 €
ProFlow P <sup>+</sup> for use with Phosphate Gradients	2 x 5L	281 €
<b>RADON COCKTAILS</b>		
ProScint Rn-AB (Safer version of RadonCount)	4 x 2,5 L	465 €
ProScint Rn-AB (Safer version of RadonCount)	1 L	72 €
RadonCount	2,5L	108 €
RadonCount	1 L	65 €
<b>OXIDISER/PYROLYSER CONSUMABLES</b>		
Carbon Trap	4 x 2,5 L	281 €
Carbon Count	4 x 2,5 L	281 €
CarbonTrap / CarbonCount	(1x2,5) + (1x2,5)	184 €
CarbonTrap / CarbonCount	(2x2,5) + (2x2,5)	292 €
TritiumCount	4x2,5L	335 €
<b>TISSUE SOLUBILISATION</b>		
GoldiSol	500 mL	156 €
AquiGest	500 mL	119 €
Hyamine Hydroxide	500 mL	216 €