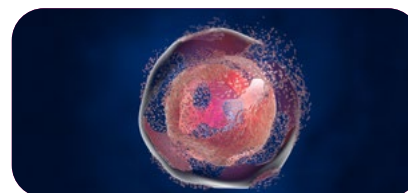
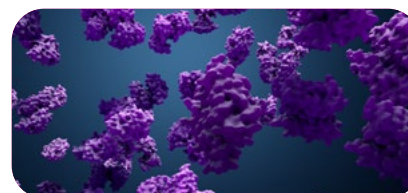


Due to an update of REACH Annex XIV Alkylphenol Ethoxylates have been classified of compounds of very high concern. This affects also Triton X-100.



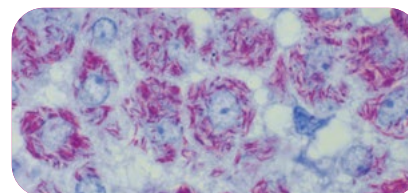
**Permeabilisation
and lysis of cells**



Protein applications



Virus inactivation



Immunohistochemistry

Triton™ X-100 replacement products

Research has shown that Triton X-100 has created some acute oral toxicity, eye damage, skin irritation, and chronic aquatic toxicity.

The compound derogates to 4-tert-Octylphenol, a known endocrine disruptor that accumulates in sediment and drinking water.

In order to support your work to the very best we offer you PanReac AppliChem branded alternatives as shown in the table below:



Product code	Product name	CAS number	Pack sizes	Moles of EO	Contains Alkylphenol Ethoxylates / Type	Cloud Point (1%) °C	HLB	Pour Point °C	Readily Biodegradable (OECD 301 F)
—	Triton™ X-100	9002-93-1	—	9.5	Yes / OPE	66	13.4	1	—
A9778	ECOSURF EH-9 (Triton™ X-100 replacement)	64366-70-7	100 mL, 500 mL	Proprietary	No	61	12.5	12	✓
A9779	ECOSURF SA-9 (Triton™ X-100 replacement)	68937-66-6 69227-22-1	100 mL, 500 mL	Proprietary	No	57	11.1	4	✓
A9780	TERGITOL 15-S-20 (Triton™ X-100 replacement)	68131-40-8 25322-68-3	100 mL, 500 mL	9	No	60	13.3	9	✓

