



First for Pathology
A THERMO FISHER SCIENTIFIC COMPANY

Safety Spray

For In-Vitro Diagnostics

For Professional Use Only

Safety Spray is used for routine cytological preparations and is used to coat and protect cells with a water soluble film. The coating helps preserve nuclear detail for microscopic examination and diagnosis. Slides fixed with safety spray can be mailed or transported to a laboratory without risk of damage.

Warnings and Precautions

Safety Spray is highly flammable. Keep away from all sources of ignition. Refer to the Safety Data Sheet.



Ingredients

Substance	CAS	Conc
Ethanol	64-17-5	90 – 100%
Polyethylene glycol	25322-68-3	< 10%
Water	7732-18-5	Balance

Specifications

Appearance	Clear, colourless liquid
Density @ 20°C	0.80 – 0.83 g/mL

Stability

The expiry date of each reagent is printed on the label. Store each reagent away in sealed bottle away from heat and light.

This product should not be used if 1) the appearance has changed from clear and colourless; 2) the expiration date has passed; or 3) there are other signs of deterioration.

Principle

Fixation is vital in stabilising and maintaining the existing form and structure of all cellular constituents. The safety spray coats and protects the cells with a water soluble film. The alcohol in the spray fixative is the fixing agent. It rids the nuclear chromatin of bound water, aiding in a clear, well delineated nuclear detail. The water soluble film is

then removed in washes of 95% alcohol prior to staining.

Technical Procedure

1. DO NOT LET SPECIMEN DRY BEFORE USING SAFETY SPRAY
2. Hold spray nozzle 8 to 10 inches from the smeared slide spraying once or twice until the entire surface is covered;
3. After spraying, allow the specimen to dry in a cool place;
4. Once dry, the wax coating must be removed to ensure proper staining. Soak the slides in 95% ethanol for 15 minutes immediately prior to staining.

Results and Interpretation

Only experienced and suitably qualified persons should carry out interpretation of stained slides.

This product acts to fix and protect smeared slides while transporting the sample to the laboratory

Ordering

Product	Size	Code
Safety Spray Fixative Pump Spray	200mL	FNNFF008