

Table 3: List of potential hazardous reagents used in the workflow and their respective safety actions.

Kit or substance	Component	Hazard and risk declaration	Substance of caution	Caution and safety actions
Ethanol molecular grade (96-100%)	Ethanol	R11, S2-7-16	Ethanol	Highly flammable. Keep out of the reach of children. Keep container tightly closed. Keep away from sources of ignition - No Smoking.
Deparaffinization solution	Deparaffinization solution	R36, S26-36/37/39-45	n-Hexadecane	Irritating to eyes. In case of contact with eyes with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves, and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately.
EpiTect Fast FFPE Bisulfite Kit	Proteinase K	R37/38-41-42, S22-24-26-36/37/39-46	Proteinase K	Causes mild skin irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Avoid breathing dust/fume/gas/mist/vapors /spray. Dispose of contents/container to an approved waste disposal plant. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Wear respiratory protection. If swallowed, seek medical advice immediately and show container or label.

Kit or substance	Component	Hazard and risk declaration	Substance of caution	Caution and safety actions
EpiTect Fast FFPE Bisulfite Kit	Ammonium bisulfite	R31/36, S13-26-36/37/39-46	Ammonium bisulfite	Sensitizer, irritant. Contact with acids liberates toxic gas. Irritating to eyes. Keep away from food, drink, and animal feeding stuffs. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves, and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately.
EpiTect Fast FFPE Bisulfite Kit	Buffer BL	R20/21/22-32, S13-26-36-46	Guanidinium thiocyanate	Harmful by inhalation, in contact with skin, and if swallowed. Contact with acids liberates very toxic gas. Keep away from food, drink, and animal feeding stuffs. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing. If swallowed, seek medical advice immediately and show container or label.
EpiTect Fast FFPE Bisulfite Kit	Buffer BD	R35, S26-36/37/39-45	Sodium hydroxide	Corrosive. Causes severe burns. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves, and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately.
EpiTect Fast FFPE Bisulfite Kit	DNA protect buffer	R36, S13-26-36/37/39-46	Tetrahydrofurfuryl alcohol	Reproduction toxicity. Irritating to eyes. Keep away from food, drink, and animal feeding stuffs.: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves, and eye/face protection. If swallowed, seek medical advice immediately and show container or label.