

Safety Information

When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the appropriate material safety data sheets (MSDSs). These are available online in convenient and compact PDF format at www.qiagen.com/ts/msds.asp where you can find, view, and print the MSDS for each QIAGEN kit and kit component.

Buffer A used for protein purification under denaturing conditions contains guanidine hydrochloride, which can form highly reactive compounds when combined with bleach.

CAUTION: DO NOT add bleach or acidic solutions directly to Buffer A.

If these buffers are spilt, clean with suitable laboratory detergent and water. If the spilt liquid contains potentially infectious agents, clean the affected area first with laboratory detergent and water, and then with 1% (v/v) sodium hypochlorite.

The following risk and safety phrases apply to the components of Ni-NTA Spin Kits.

Ni-NTA Spin Columns

Contains nickel-nitrilotriacetic acid. Risk and safety phrases*: R22-40-42/43. S13-26-36-46

Sodium phosphate stock solution, 5x

Contains sodium hydroxide: Irritant. Risk and safety phrases*: R36/38. S13-26-36-46

Guanidine hydrochloride

Contains guanidine hydrochloride: Harmful, Irritant. Risk and safety phrases*: R22-36/38. S22-26-36/37/39

Imidazole solution

Contains imidazole: Irritant. Risk and safety phrases*: R36/37/38. S23-26-36/37/39-45

24-hour emergency information

Emergency medical information in English, French, and German can be obtained 24 hours a day from: Poison Information Center Mainz, Germany
Tel: +49-6131-19240

* R22: Harmful if swallowed; R36/38: Irritating to eyes and skin; R36/37/38: Irritating to eyes, respiratory system and skin; R40: Possible risks of irreversible effects; R42/43: May cause sensitization by inhalation and skin contact; S13: Keep away from food, drink, and animal feedingstuffs; S22: Do not breathe dust; S23: Do not breathe vapor. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice; S36: Wear suitable protective clothing; S36/37/39: Wear suitable protective clothing, gloves and eye/face protection; S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible); S46: If swallowed, seek medical advice immediately and show container or label.