



## MERCK Use Information Sheet

Catalogue No. 109435  
Product name Buffer solution (citric acid/sodium hydroxide/hydrogen chloride), traceable to SRM from NIST and PTB pH 4.00 (20°C) Certipur®

---

Print Date: 30.12.2017

Free short title: Use descriptors related to the industrial use (Reagent for analysis)

Identified use descriptors: SU 3 - Industrial uses: Uses of substances as such or in preparations at industrial sites  
SU9 - Manufacture of fine chemicals  
SU 10 - Formulation [mixing] of preparations and/ or re-packaging (excluding alloys)

PROC1, PROC2, PROC3, PROC4, PROC5, PROC8a, PROC8b, PROC9, PROC10, PROC15

ERC1, ERC2, ERC6a, ERC6b

PC21

### Exposure driving use descriptors

#### Process Categories

PROC1 Use in closed process, no likelihood of exposure

PROC2 Use in closed, continuous process with occasional controlled exposure

PROC3 Use in closed batch process (synthesis or formulation)

PROC4 Use in batch and other process (synthesis) where opportunity for exposure arises

PROC5 Mixing or blending in batch processes for formulation of preparations and articles (multistage and/ or significant contact)

PROC8a Transfer of substance or preparation (charging/ discharging) from/ to vessels/ large containers at non-dedicated facilities

PROC8b Transfer of substance or preparation (charging/ discharging) from/ to vessels/ large containers at dedicated facilities

PROC9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC10 Roller application or brushing

PROC15 Use as laboratory reagent

#### Environmental Release Categories

ERC1 Manufacture of substances

ERC2 Formulation of preparations

ERC6a Industrial use resulting in manufacture of another substance (use of intermediates)

ERC6b Industrial use of reactive processing aids

#### Product Categories

PC21 Laboratory chemicals

Follow the link below to open an Interactive Form which allows you to report additional uses.

<http://www.merckmillipore.com/collectingforeach>

An example how to fill in the form is available here:

<http://www.merckmillipore.com/formforeach>

---

Free short title: Use descriptors related to the professional use (Reagent for analysis)

Identified use descriptors: SU 22 - Professional uses: Public domain (administration, education,

# MERCK Use Information Sheet

Catalogue No. 109435  
Product name Buffer solution (citric acid/sodium hydroxide/hydrogen chloride), traceable to SRM from NIST and PTB pH 4.00 (20°C) Certipur®

---

entertainment, services, craftsmen)

PROC15

ERC2, ERC6a, ERC6b

PC21

## Exposure driving use descriptors

Process Categories

PROC15 Use as laboratory reagent

Environmental Release Categories

ERC2 Formulation of preparations

ERC6a Industrial use resulting in manufacture of another substance (use of intermediates)

ERC6b Industrial use of reactive processing aids

Product Categories

PC21 Laboratory chemicals

Follow the link below to open an Interactive Form which allows you to report additional uses.

<http://www.merckmillipore.com/collectingforeach>

An example how to fill in the form is available here:

<http://www.merckmillipore.com/formforeach>

---

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of any properties of the product.