



MERCK Use Information Sheet

Catalogue No. 100317
Product name Hydrochloric acid fuming 37% for analysis EMSURE®
ACS,ISO,Reag. Ph Eur

Print Date: 30.12.2017

Free short title: Use descriptors related to the industrial use

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, ERC4, ERC6a, ERC6b

PC19, 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
ERC4 Industrial use of processing aids in processes and products, not becoming part of articles
ERC6a Industrial use resulting in manufacture of another substance (use of intermediates)
ERC6b Industrial use of reactive processing aids

Product Categories

PC19 Intermediate
PC21 Laboratory chemicals

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

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

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

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

Free short title: Use descriptors related to the professional use

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

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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.