



## MERCK Use Information Sheet

Catalogue No. 100338  
Product name Hydrofluoric acid 40% for analysis EMSURE®  
ISO, Reag. Ph Eur

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Print Date: 27.04.2016

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

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>

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Catalogue No. 100338  
Product name Hydrofluoric acid 40% for analysis EMSURE® ISO, Reag. Ph Eur

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

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.