

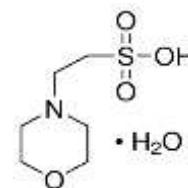


Product Specification

cdhfinechemical.com

MES BUFFER

PRODUCT CODE	149240
SYNONYMS	[MES monohydrate, MES buffer, Morpholinoethanesulphonic acid monohydrate.]
C.I. NO.	--
CASR NO.	145224-94-8
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₃ NO ₄ S.H ₂ O
ATOMIC OR MOLECULAR WEIGHT	213.25
PROPERTIES	---



PARAMETER

Description	White crystals/crystalline powder.
Solubility	0.5 M solution in H ₂ O is clear.
Minimum Assay (Acidimetric on dry basis)	99.0%
Water	8 - 9%

MAXIMUM LIMIT OF IMPURITIES

Absorbance (5% aq.soln.at250 nm)	0.05
Chloride (Cl)	0.005%
Sulphate (SO ₄)	0.005%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements : May cause allergic or asthmatic symptoms or breathing difficulties if inhaled

Precautionary statements

Prevention : In case of inadequate ventilation wear respiratory protection. Avoid breathing dust/fume/gas/mist/vapours/spray.

Response : If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

Disposal: The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code : --
UN No. :--
IATA :--

Hazard Pictogram(s) :



GHS08

Replace Date 1-June-2023