

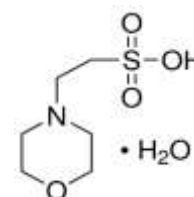


# Product Specification

cdhfinechemical.com

## MES BUFFER

<b>PRODUCT CODE</b>	<b>044141</b>
<b>SYNONYMS</b>	[ MES monohydrate, MES buffer, Morpholinoethanesulphonic acid monohydrate.]
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	145224-94-8
<b>ATOMIC OR MOLECULAR FORMULA</b>	$C_6H_{13}NO_4S \cdot H_2O$
<b>ATOMIC OR MOLECULAR WEIGHT</b>	213.25
<b>PROPERTIES</b>	---



### PARAMETER

Description	White crystals/crystalline powder.
Solubility	0.5 M solution in H <sub>2</sub> 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 <sub>4</sub> )	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 04-jan-22