



## DI-SODIUM HYDROGEN ORTHO PHOSPHATE DIHYDRATE PURIFIED

<b>PRODUCT CODE</b>	<b>R01433</b>
<b>SYNONYMS</b>	(Sodium phosphate dibasic dihydrate) (Sorensen's salt)
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(10028-24-7)
<b>ATOMIC OR MOLECULAR FORMULA</b>	Na <sub>2</sub> HPO <sub>4</sub> ·2H <sub>2</sub> O
<b>ATOMIC OR MOLECULAR WEIGHT</b>	177.99
<b>PROPERTIES</b>	--



PARAMETER	LIMIT
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Description	Colourless crystals /crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Acidimetric; dried substance)	99.0%
pH (of 5% Aq. solution)	7.5-9.2

### MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 120°C, 4 hours)	18.0-22.0%
Chloride (Cl)	0.02%
Sulphate (SO <sub>4</sub> )	0.1%
Iron (Fe)	0.01%
Lead (Pb)	0.01%

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

#### WARNING

**Hazard statements :** Causes mild skin irritation .Causes eye irritation

**Precautionary statements**

**Prevention :** Wash thoroughly after handling.

**Response :** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/attention.

IMDG Code :

UN No. :

IATA :

**Disposal:** Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

**Hazard Pictogram(s) :-----**



GHS05

GHS07

Replace Date 1 April 2023

