



Product Specification

Product Name: PHENOL RED FREE ACID AR

Alternate Name(s) Phenolsulfonphthalein; 4,4-(3H-2,1-benzoxathiol-3-ylidene)bis-phenol,S,S-dioxide; PR; PSP; phenol red, free acid; phenolsulfonephthalein.
Description
Bright to dark red powder.

Properties

Chemical Formula: $C_{19}H_{14}O_5S$
Molecular Weight: 354.38

Product Code: PA079
CAS No. 143-74-8

General Information:

Slightly soluble in water, alcohol and acetone. Soluble in alkali hydroxides and carbonates. Incompatible with strong acids and bases, strong oxidising agents and strong reducing agents. Combustible.

Quality Specification

Assay:

Specific Properties and Impurities [Typical levels]:

Basicity (Weak base - pKa)	7.9
Melting Point	> 300 °C
Clarity of solution	Passes test
Loss on drying (@ 110 °C, 1h)	≤ 2.5%
Visual transition interval	From pH 6.8 (yellow) to pH 8.2 (red)

Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CH50
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	N/A

Not classified as hazardous according to the criteria of ASCC.

CONFORMS TO ACS

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