

RM975 Phenol red, Practical grade**Product Number Packing**

RM975	: 100G
RM975	: 25G

Product Information

Product Code	: RM975
Product Name	: Phenol red, Practical grade
Synonym	: Phenolsulfonphthalein ,Free acid
Molecular Formula	: $C_{19}H_{14}O_5S$
Molecular Weight	: 354.38
CAS No.	: 143-74-8
EC No.	: 205-609-7
HS Code	: 2934 99 90
Shelf Life	: 4 years

Technical Specification

Appearance	: Dark red crystalline powder.
Solubility	: Sparingly soluble in water, alcohol, acetone. Insoluble in chloroform, ether. Readily soluble in aqueous alkali hydroxides or carbonates.
Reaction	: Reaction of 20.0% w/v (aqueous solution in ethanol) has a pH in the transition range from pH 1.2 (Brownish orange) to pH 3.0 (yellow) and pH 6.8 (yellow) to pH 8.2 (red).
Absorption max. (pH1.2)	: 503-506nm
Absorption max. (pH3.0)	: 430-435nm
Absorption max. (pH8.0)	: 557-560nm
Absorption max. (pH 6.2)	: 430-435nm
Loss on drying (at 110°C)	: <=1.0%

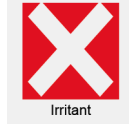
GHS Safety Information

Hazard Statement(s)	: 315-319-335
Precautionary Statement(s)	: 261-305 + P351 + P338
Signal Word	: Warning
Hazard Pictogram(s)	

Risk and Safety Information

R-Phrase(s)	: 36/37/38
S-Phrase(s)	: 26
WGK	: 3
RTECS	: SJ7490000
Storage Temperature(°C)	: Store below 30°C

Hazard Symbol(s)



Transport Information

ADR/RID : Not Dangerous Goods
IMDG : Not Dangerous Goods
IATA : Not Dangerous Goods