



Product Specification

Product Name: METHYL RED Sodium salt (C.I. 13020) AR

Alternate Name(s) p-Dimethylaminoazobenzenecarboxylic acid
Description sodium salt; C.I. 13020; 2-(4-dimethylaminophenylazo)benzoic acid
Dark red powder or violet crystals. Colour fades quickly due to reduction.

Properties

Chemical Formula: $C_{15}H_{14}N_3O_2Na$
Molecular Weight: 291.29

Product Code: MA053
CAS No. 845-10-3

General Information:

Soluble in water. Incompatible with oxidising agents. Combustible.

Quality Specification

Assay:

Specific Properties and Impurities [Typical levels]:

pH Value (10 g/l, H ₂ O, 25 °C)	~8.2
Melting Point	285 °C
Loss on drying (@ 110 °C, 1h)	≤ 5.0%
Clarity of alcohol solution	Passes test
Clarity of aqueous solution	Passes test
Visual transition interval	From pH 4.2 (pink) To pH 6.2 (yellow)

Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CH4J
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	N/A

CONFORMS TO ACS

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38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au

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