



Product Specification

Product Name: DIMETHYLGLYOXIME AR

Alternate Name(s) 2,3-Butanedionedioxime; 2,3-diisonitrosobutane; diacetyldioxime; butane dioxime; 2,3-butanedionedioxime disodium salt; biacetyl dioxime.

Description

White to off-white crystals or powder.

Storage: Cool temperature, dry, tightly closed container.

Properties

Chemical Formula: C₄H₈N₂O₂

Molecular Weight: 116.12

Product Code: DA051

CAS No. 95-45-4

General Information:

Insoluble in water. Soluble in alcohol, ether, pyridine and acetone. Incompatible of oxidizing agents, strong acids, and reducing agents. Harmful if swallowed. Combustible. See MSDS 1CHS4 for further safety information.

Hazard and Safety Data

UN Group: III
Class: 4.1
UN Number: 2926
Hazchem code: 1X
CS MSDS Code: 1CHS4
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: 20

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Identification	To pass test
Insoluble in alcohol	< 0.05%
Melting Point	239°C - 242°C
Residue after Ignition	< 0.05%
Suitability for nickel determination	To pass test

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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