



Product Specification

Product Name: dodeca-MOLYBDOPHOSPHORIC ACID AR

Alternate Name(s) Phosphomolybdic acid hydrate

Description

Yellow crystals or yellow powder. Odourless.

Properties

Chemical Formula: $12\text{MoO}_3 \cdot \text{H}_3\text{PO}_4 \cdot x\text{H}_2\text{O}$

Molecular Weight: 1825.28+aq

Product Code: MA097

CAS No.: 51429-74-4

General Information:

Soluble in water, alcohol and ether. Incompatible with reducing agents, easily oxidised materials, organic materials and metal powders. Causes burns. Not combustible but assists combustion of other substances.

Quality Specification

Assay:

Specific Properties and Impurities [Typical levels]:

Insoluble matter	0.01%
Chloride (Cl)	0.02%
Sulfate (SO ₄)	0.025%
Ammonium (NH ₄)	0.01%
Heavy metals (as Pb)	0.005%
Calcium (Ca)	0.02%
Iron (Fe)	0.005%

Hazard and Safety Data

UN Group:	II
Class:	8, 5.1
UN Number:	3084
Hazchem code:	2W
CS MSDS Code:	1CHRB
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	31

CONFORMS TO ACS

Chem-Supply Pty Ltd - An ISO 9001 Accredited Company

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

Chem-Supply does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product for any intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product for any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement or supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.