



Advantage P2-MD-SS

High Performance Semi-Synthetic Coolant

Description

Advantage P2-MD-SS is a high performance, premium semi synthetic coolant and provides clean running, heavy duty machining and grinding performance on both ferrous and non-ferrous metals without the use of chlorinated or sulphurised compounds. It has unique resistance to bacterial and fungal growth achieved without using traditional biocides.

Applications

Advantage P2-MD-SS is suitable for use in a wide range of machining and grinding operations. Even in severe operations excellent surface finish and tool life can be expected on difficult alloys like stainless steels and high silicone aluminums. **Advantage P2-MD-SS** is compatible with hard water, is clean running and uniquely bio-stable which assures long, odour free sump life unequalled by conventional bio-stable and other water soluble fluids. **Advantage P2-MD-SS** provides corrosion protection without staining and affords excellent lubrication for machine ways and indexing mechanisms with low foaming characteristics, making it the preferred choice for high speed CNC machines and high pressure coolant systems.

Features & Benefits

FEATURES	BENEFITS
Clean running / no biological growth	Reduced disposal cost, less down time, User friendly.
Low foaming	Better performance in high speed, high pressure coolant systems
Chlorine and Sulphur free	Reduced environmental impact Improved process compatibility
Excellent corrosion protection	In-process protection of machinery and parts
Excellent machining capabilities	Increased tool life, improves surface finish

Typical Physical and Chemical Properties

Appearance

Neat	Amber fluid
5% Emulsion	Translucent emulsion

pH @5%v/v 9.6

Recommended Usage Concentration

The recommended usage concentration of

Advantage P2-MD-SS for Machining between 10:1 (10%) to 20:1 (5%) and for Grinding use 20:1 (5%) to 30:1 (3%). This may be customised to suit individual needs or solutions, which may vary from time to time. For further advice please contact your Sales Representative.

Concentration Checks

Periodic solution concentration checks of **Advantage P2-MD-SS** should be carried out using a hand held refractometer. The refractometer factor for **Advantage P2-MD-SS** is 1.3. Multiply the refractometer reading by this factor to obtain the emulsion concentration in percent. Please contact your sales representative for further information about this service.

Usage, Storage and Disposal

Usage

Before using **Advantage P2-MD-SS** please ensure that all safety requirements as set out on the Material Safety Data Sheet are observed and adhered to, if ever in doubt please contact your sales representative who will be happy to help by addressing any concerns or questions.

Storage

Store according to instructions given on Material Safety Data Sheets.

Disposal

Use an accredited Trade Waste Disposal Company, which complies with all the local environmental laws and regulations when disposing of any waste product.

Health and Safety

Refer to Material Safety Data Sheet for the proper handling, use and disposal of this product. Product MSDS can be found at www.mapal.com.au for additional information contact MAPAL Australia on 1300 825 267.

Product Shelf Life

Under normal conditions the recommended shelf life for **Advantage P2-MD-SS** is a minimum of Six (6) months, unless otherwise specified.

Availability and Shipping Classification

Advantage P2-MD-SS is available in 205 litre drums. Other sizes may be available upon request, please contact your sales representative.

Transportation of **Advantage P2-MD-SS** should be done in accordance to the Material Safety Data sheets, local laws and regulations. It is highly recommended that an accredited transportation company should always be used.

Warranty

The information given here is considered to be correct and is offered for your consideration, investigation and verification. No warranties are expressed or implied, since the use of our products is beyond our control.

Advantage P2-MD-SS is made in Australia



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