

HOCUT[®] 795 MP

High Performance Semi-Synthetic Coolant

Description

Houghton's international research and development team have produced a totally new high technology machining and grinding coolant, HOCUT 795 MP. This product is a semi synthetic and provides clean running, heavy duty machining performance on both ferrous and non-ferrous metals without the use of chlorinated or sulphurised compounds. It has unique resistance to bacteria and fungal growth that is achieved without the use of traditional biocides.

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

Applications

HOCUT 795 MP is suitable for use in a wide range of machining and grinding operations. Excellent surface finish and tool life can be expected in severe operations even on difficult alloys such as stainless steels and high silicon aluminium. HOCUT 795 MP 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. HOCUT 795 MP provides corrosion protection without staining and affords excellent lubrication for machine ways and indexing mechanisms. Low foaming characteristics make HOCUT 795 MP an excellent choice for high speed CNC machines and high pressure coolant applications.

Typical Physical and Chemical Properties

Appearance	
Neat	Blue fluid
5% Emulsion	Translucent blue emulsion
pH @5%v/v	9.6

Recommended Usage Concentration

The recommended usage concentration of **HOCUT 795 MP** for Machining use 30:1 (3%) to 10:1(10%) and for Grinding use 30:1 (3%) to 20:1 (5%). This may be customised to suit individual needs or solutions, which may vary from time to time. Houghton strongly advises that you contact your Sales Representative to discuss before commencement of use.

Concentration Checks

Houghton recommends that periodic solution concentration checks of **HOCUT 795 MP** should be carried out using a hand held refractometer. The refractometer factor for **HOCUT 795 MP** is 1.3. Multiply the refractometer reading by this factor to obtain the emulsion concentration in percent. These can be routinely performed and organised through Houghton's Customer Service laboratory, please contact your sales representative for further information about this service.

Usage, Storage and Disposal

Usage

Before using **HOCUT 795 MP** 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. Houghton Australia takes no responsibility for misuse and or irresponsible use of this product.

Product Shelf Life

Under normal conditions the recommended shelf life for **HOCUT 795 MP** is a minimum of Six (6) months, unless otherwise specified.

Availability and Shipping Classification

HOCUT 795 MP is available in 205 litre drums. Other sizes may be available upon request, please contact your sales representative.

Houghton provides a reliable and professional delivery service of all its products. However if transportation of HOCUT 795 MP is required it should be done in accordance to the Material Safety Data sheets, the 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. Statements concerning the use of Houghton products are not to be construed as recommending the infringement of any patent.

HOCUT 795 MP is made in Australia