

Product Information

Water Soluble Cutting Fluids

FRIGOMET DP 455 V

is an all-purpose product for the machining of ferrous and non-ferrous metals. The product features high performance and low consumption in a broad application area.

Benefits:

- Transparent fluid, free of mineral and synthetic oil
- Free from boron, bactericide, formaldehyde and silicon
- Excellent residue characteristics (especially for flat glass and glass-ceramic applications)
- Low misting and excellent foaming characteristics
- Easy maintenance by very good tramp oil separation
- Very high stability and long sump life
- Good washing and wetting behavior ensure clean parts and machines
- Good corrosion protection
- Excellent skin compatibility

Data of the Product (Water-Mixed):

Determination	Method	Unit	Value
pH-Value 5,0%	ASTM D 1287	---	9.4
Corrosion test		[w/w] - S0/R0	4.5
Corrosion test	ASTM D 4627-92	[w/w] - K0	4.0

Data of the Product (Concentrate):

Determination	Method	Unit	Value
Density, 68°F	ASTM D 1298	[kg/m ³]	1069
Kin. viscosity, 104°F	ASTM D 445	[mm ² /s]	4.0

Recommended concentration (depending on application and conditions):

4 – 8%

Factors (other factors on request):

Refractometer: 2.2%/°Bx
 Testkit: 5.6%/ml

Shelf Life/ Storage Conditions:

12 months under ambient storage conditions. The product may become discolored during storage. This does not influence the quality of the concentrate or mixed solution.

Industrial Health and Safety - Environmental Protection:

For more details about health and safety please read the information on the safety data sheet.

Disposal:

In compliance with the local waste regulations