

## Petadd EM MW-450

### Natural Sodium Sulfonate

#### Description

Petadd EM MW-450 is a natural sodium sulfonate obtained from solvent-neutral base oils.

This product has excellent emulsification, anti-corrosion & anti-rust properties. Emulsions formed using Petadd EM MW-450 will effectively isolate water from metal, helping to avoid rust and corrosion damage. This product is free from PAHs.

#### Application

- Petadd EM MW-450 is used within metalworking, marine, mining, and automotive industries.
- Known applications include as an additive in:  
Cutting fluids & Coolants, Hydraulic oils, Fuels, Ink & Paint formulations, Plasticizers, Textile processing, and Mineral Flotation formulations.

#### Typical Properties

Property	Typical	Min.	Max.	Method
Sulphonate Content (%m)	-	61.0	63.0	ASTM D3712
Mineral Oil Content (%m)	-	32.0	35.0	ASTM D3712
Inorganic Salts Content (%m)	0.5	-	0.7	ASTM D3712
Water Content (%m)	-	-	5.0	ASTM D95
Gram Equivalent	-	430	480	ASTM D3712
Sulphated Ash Content (%m)	10.5	9.5	11.5	ASTM D3712
Diluted Colour	-	-	5.0	ASTM D1500

*The information contained within this publication is based on the present state of our knowledge. Any recommendations or conclusions are made without liability on our part. Values shown are typical and should not be construed as specification limits.*