



### Meta-Shield™ CSP (W) & CSP (S)

Solvent based rust preventatives for the protection of ferrous metals in acidic atmospheres



#### Description

Meta-Shield CSP (W) & CSP (S) are specially formulated solvent based, rust preventatives for the protection of metallic parts in acidic atmospheres. Meta-Shield CSP (W) & CSP (S) are based on a unique blend of high quality corrosion inhibitors, oils and waxes. The products are specially formulated for those operating in acidic atmospheres such as pickle lines and surface treatment shops. Best applied through dipping or spraying, the product leaves a light, thixotropic film after evaporation of the solvent. The film has self-healing properties which protect against accidental scuffs and scrapes. Meta-Shield CSP (W) & CSP (S) are Barium free.

Meta-Shield CSP (W) is designed for use in winter months and has a lower level of waxes. This maintains the aesthetic of the film during the colder months and reduces drop-out.

Meta-Shield CSP (S) is designed for use in the summer months and has a slightly higher level of waxes to give a firmer film in the warmer months.

Meta-Shield CSP (W) & CSP (S) are supplied without dewatering agent for those who want to float the rust preventative. Advice can be given as to the best choice of dewatering agent for this application. For those not floating the product Meta-Shield PK1100 is available with dewatering agent included

Global specialists in high-performance lubricants



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## Features and benefits

- Provides protection against acidic manufacturing atmospheres
- Provides protection against environmental factors during transport and storage
- Superior wetting giving an even coating and reliable protection
- Self-healing film provides protection from accidental contact
- Not classed as flammable for storage or transport
- Designed for float-application
- Barium free

## Recommended instructions for use

Meta-Shield CSP (W) & (S) should be added slowly to the dipping tank to avoid excessive agitation. Additions of a suitable dewatering additive should be added at the same time in the same vicinity to give an even mix.

Parts should be dipped into the fluid and withdrawn until a uniform covering is seen.

Post dipping parts should be allowed sufficient time to dry before further handling, this time may differ depending on the ambient temperature.

## Pack sizes

Meta-Shield CSP (W) & (S) are available in 1000L IBCs & 205L steel drums.

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Cert No 2367QM8001



## Meta-Shield™ CSP (W) & CSP (S)

### Technical data (typical values)

Property	Test method	Meta-Shield CSP (W)	Meta-Shield CSP (S)
<b>Appearance</b>	MSTM 1	Clear brown fluid	Clear brown fluid
<b>Density at 20°C</b>	MSTM 23	0.806 g.cm <sup>-3</sup>	0.804 g.cm <sup>-3</sup>
<b>Non-Volatile content</b>	MSTM 57	14%	14%
<b>Flash Point</b>	ASTM D93	>60°C	>60°C
<b>Film Thickness</b>	MSTM 63	1.9μ	1.9μ
<b>Coverage</b>	MSTM 64	73 m <sup>2</sup> /l	73 m <sup>2</sup> /l

### Storage

It is important to protect Meta-Shield CSP (W) & CSP (S) from frost to avoid separation of waxy components. Storage temperature should be controlled to between 10°C and 35°C.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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