



APPLICATION DATA SHEET

Blackfast Australia Water-Based Dewatering Fluid

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| <u>USE:</u> | Operate at a dilution of 15-20% depending upon the degree of corrosion protection required. Fill the mild/stainless steel tank three-quarters full with warm water and add Blackfast Dewatering Fluid slowly whilst mixing vigorously. |
| <u>APPLICATION:</u> | <p>Following the water rinse immediately after the blacking operation, the components are immersed in the tank of Blackfast Dewatering Fluid either in a basket or suspended individually for five minutes. Agitate small items and rotate those with complicated shapes they are then placed on a draining board.</p> <p>To accelerate the drying time and improve the quality of the corrosion preventative film, operate the bath at 60°C-70°C. Allow 45 minutes drying time before handling the components. Tests indicate that corrosion protection improves dramatically if components are dried quickly at elevated temperatures 5 -10 minutes at 80°C. Strong air currents should not be used as they blow the emulsion off the item.</p> <p>The solution should be agitated during use.</p> |
| <u>SOLUTION STRENGTH CONTROL:</u> | <p>Fill a 100cc graduated measuring cylinder with 90cc of Blackfast Dewatering Fluid emulsion to be determined. Add 10cc of 1 molar aqueous hydrochloric acid and shake the cylinder for 1 minute. Allow the cylinder to stand overnight. The following day determines the amount of separated oil in ml. The % concentration by volume then = ml of separated oil x 100/90.</p> <p>Shelf life of the concentrate solution at ambient temperature: 1 year.</p> |
| <u>PRODUCT SAFETY DATA SHEET:</u> | A safety data sheet is available. |

Blackfast Dewatering Fluid is part of the Blackfast Australia range of products for the chemical blacking of iron and steel at room temperature.

Blackfast Australia continues to improve the quality and performance of its range of products and reserves the right to modify product formulations without prior notice.

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