

APPLICATION DATA SHEET

BLACKFAST 133 ZINC BLACKING SOLUTION

USE: 10-20% solution in water.

APPLICATION: Blackfast 133 will chemically black plated zinc and cadmium, zinc diecast and galvanised surfaces.
Preparation of the surface of the item to be blacked is carried out using one or more steps involving degreasing and conditioning using the appropriate Blackfast products with intermediate flowing water rinses.

Once the surface is chemically clean and conditioned, the item is immersed in the Blackfast 133 solution for 2-5 minutes at 24°C. ensuring that all parts of the metal surface are in contact with the liquid, for which purpose a plastic basket or tray is normally used.
Avoid vigorous air agitation which may produce water vapour in the form of atmospheric mist.
Following blacking, the item is rinsed in a flowing water tank and finally dipped in a dewatering oil such as Blackfast 833 or 841 depending on the thickness of oil deposit required.
If the Blackfast 925 water based oil is in use, restrict immersion to 5 minutes only and operate at room temperature.

PRODUCT SAFETY
DATA SHEET:

A safety data sheet is available.

Blackfast 133 is part of the Blackfast range of products for the treatment of iron, steel and aluminium at low temperatures.

Please note that the Blackfast 133 solution contain Nickel compounds. As some Nickel compounds can cause skin sensitisation, skin contact should be prevented as far as is reasonably practicable. Nickel sulphide is present in the lower layers of the black coating. Treated Zinc items should not be included for use with costume jewellery and articles which may come into everyday contact with the skin.

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

DECEMBER 2002