

# Black-Magic<sup>®</sup> RT GHB1

Black-Magic RT GBH1, room temperature black oxide solution, produces a black chemical conversion finish on steel, iron, copper, brass and bronze. The Black-Magic RT GBH1 is furnished as a concentrated liquid and used at room temperature. It can be used as received in the concentrated form or can also be cut with water, depending upon the application. Black-Magic RT GBH1 can be applied either by immersion or brush.

## Features & Benefits

Touch up applications for black oxide	Elimination of reworking scratched parts
Multi-metal use	Produces black finish on copper, copper alloys, iron, and steel

## Operating Conditions

Black-Magic RT GBH1 when used to produce a black finish on steel, iron, copper, brass and bronze, is used as received in the concentrated liquid form. However, if antique finishes are required, the Black-Magic RT GBH1 liquid concentrate can be cut with water (1 part concentrate up to 3 parts water).

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### Equipment required

Plain plastic containers can be used for the Black-Magic RT GBH1 solution or plastic lined tanks.

### Processing procedure

1. Parts should be cleaned either by degreasing, alkali cleaning, or solvent emulsion type cleaning.
2. After the parts have been cleaned, immerse in Black-Magic RT GBH1 until they take on a good black color.
3. Remove and rinse in a clean, running water rinse.
4. Immerse in or rub on the appropriate Hubbard-Hall Metal Guard water displacing rust preventive.



Complete information on final dips furnished upon request, which are also available in our product list.

**Note:** Any oxide film which may be on the parts should be removed mechanically or by acid pickling - usually a 25 to 50% muriatic acid (hydrochloric) solution (1/4 acid - 3/4 water) or (1/2 acid - 1/2 water) followed by clean water rinsing is used.

## Caution

DANGER. POISON. MAY BE FATAL IF SWALLOWED.

Use in well ventilated area with rubber gloves. Avoid contact with skin, flame, or hot surface.

Read and understand OSHA Safety Data Sheet and drum warning label prior to working with this product.

**WARRANTY:** HUBBARD-HALL INC. IS NOT RESPONSIBLE FOR THE MISUSE, MISAPPLICATION, OR MISHANDLING OF THIS PRODUCT. SEE THE TERMS AND CONDITIONS OF SALE ON OUR WEBSITE FOR ADDITIONAL TERMS AND CONDITIONS CONCERNING OUR PRODUCTS, INCLUDING BUT NOT LIMITED TO, LIMITATIONS AND DISCLAIMERS OF WARRANTIES AND LIABILITIES.

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## Our People. Your Problem Solvers.

For more information on this process,  
please call us at 203.756.5521 or email: [techservice@hubbardhall.com](mailto:techservice@hubbardhall.com)

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**<sup>136</sup>.