

# RADIANT 52-L

**RADIANT 52-L** is a mildly acidic burnishing/cleaning product especially formulated for both conventional barrel and vibratory finishing. Although designed to produce exceptional burnishing results with brass and copper alloys, can also be used with aluminum, stainless steel and silver. Not recommended for use with zinc die cast. RADIANT 52-L will help remove light oils at higher operating concentrations. Parts with moderate to heavy oil should be degreased before burnishing. Can be used with carbon steel, stainless steel and burnishing ceramic medias. In conventional barrel tumbling, can be used in a “part-on-part” application. Not generally recommended for use with polyester resin media. Affords minimal protection to carbon steel media (overnight).

## Features & Benefits

|                                               |                                                                                                                                       |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| High concentrate                              | Will remove light oxides/tarnish and keep both parts and media clean and residue free during processing.                              |
| Safe and effective for use on most all metals | Particularly well suited for brass and copper alloys, aluminum, stainless steel and silver. Not recommended for use on zinc die cast. |

## Physical Data

|                  |                         |
|------------------|-------------------------|
| Appearance       | Blue, clear liquid      |
| Odor             | Slight – characteristic |
| Foaming tendency | Moderate                |

## Operating Conditions

### Tumble or Vibratory Finishing

|                           | Range                                      | Optimum                                                       |
|---------------------------|--------------------------------------------|---------------------------------------------------------------|
| Concentration – Vibratory | 1.0-1.2 fl. Oz./Gal<br>2.0-4.0 fl. Oz./Gal | 1.2 fl. Oz./Gal –<br>Dispensed with chemical<br>metering pump |
| Concentration - Tumbling  | 2.0-4.0 fl. Oz./Gal                        | Manual addition                                               |



## Waste Disposal

RADIANT 52-L and its' working solutions are mildly acidic to neutral at discharge. Spent RADIANT 52-L solutions may contain dissolved metals from the vibratory or tumbling process. Therefore, additional treatment of the solution may be required to meet discharge requirements.

## Caution

Review the Safety Data Sheet before working with RADIANT 52-L to familiarize with its' safe and effective use. Refer to this document for recommended use dilutions.

**WARRANTY:** THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.

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## Our People. Your Problem Solvers.

For more information on this process,  
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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>.