



630 Oakmont Lane ♦ Westmont, IL 60559 ♦ 1-800-323-6863 ♦ ha-international.com

WF 61

Product Features

WF 61 is a powerful cleaning and degassing flux for use with all aluminum alloys including aluminum magnesium alloys and industrial pure aluminum.

WEDRON - WF 61

This product has been formulated for use in the Flux Injection Process in which flux is injected below the surface of the metal using nitrogen gas as a carrier. The process ensures very efficient use of the flux and enhances metal cleanliness and yield.

The Flux Injection Process is simple to operate and generates lower emissions than conventional methods. In addition to the very efficient cleansing of the metal, another benefit of the process is a powerful degassing effect which eliminates the necessity for a separate degassing operation.

Wedron - WF 61 and the Flux Injection Process

- Can be applied to a wide range of melting units from small crucibles to very large central melting furnaces.
- WF 61 is sodium and calcium free.
- WF 61 reacts with non metallic oxides present in the metal, without affecting the magnesium.
- WF 61 reacts with the oxides suspended the metal and separates them to the surface of the melt.
- Produces an extremely dry dross low in aluminum content, facilitating easy removal from the melt surface.
- WF 61 and the Flux Injection Process thoroughly stirs the metal so that manual stirring is unnecessary.

Directions for use:

1. The amount of flux to be applied will vary depending on the degree of contamination in the melt but is generally .05% to .2% of the metal charge.
2. Flux is injected with the Wedron Flux Feeder machine where the metal temperature is within the range of 1290 -1390 F
3. When the flux/oxide mixture has dried to powdery dross, remove it with perforated skimmers and collect it in reclaimers for optimum metal recovery.
4. Ensure that the injection lance is cleaned frequently to avoid any restrictions of the bore.

Packaging:

Available in 100# Boxes, 500# Boxes, or 500# Fiber Drums

Storage Guidelines:

Avoid extremes of temperature during storage.

Safe Handling:

Refer to the Material Safety Data Sheet for additional information.

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Date: 8/9/2010 Author: LCO

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