

Maxiflux™ AL-864

Product Description

Maxiflux™ AL-864 purifying, cleaning and degassing tablets are intended for use with non-modified or sodium (Na) modified aluminum-silicon alloys. A partial list includes alloy 319, 355, 356, 357, 360, 380, 383 and 390.

Maxiflux™ AL-864 tablets are suitable for reduction of oxides and gas in transfer ladles. This product can also be applied in furnaces commonly used for melting aluminum, i.e. crucible type

Features and Benefits

ENVIRONMENTAL/OPERATIONS

- This product does not contain hexachloroethane.
- Compared to tablets containing hexachloroethane virtually no smoke or annoying odor.
- Very, very low emission values.
- Fast reaction minimizes waiting time and loss of temperature.

MELT QUALITY

- Offers alternative simple secondary treatment to melts in crucibles, ladles, and dip-out wells.
- Very effective as a low-polluting oxide cleanser and gas remover.
- Cleanses by release of chlorine-free flushing gases.

DROSS

- Dross is very low in metallic content.

Tablet Application

DIRECTIONS FOR USE: GENERAL

- Use only dry tablets and preheated tools.
- Consult MSDS prior to use.

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Tablet Application

DIRECTIONS FOR USE: SPECIFIC

1. During filling of ladle, allow sufficient room in ladle for reaction activity to be contained within ladle. Do not overfill ladle.
2. Reaction will cause melt to “boil”. Tablet should be safely placed on melt surface and plunged deeply into melt.
3. During reaction, move tablet frequently to ensure maximum exposure to melt.
4. For skimming and reducing of metal content, stir reaction products intensively until dross becomes dry and powdery.
5. Skim off After examination of the gas content of the melt can be made 10 minutes after tablet reaction is completed. This will allow time for reaction products to float to top of melt and not interfere with test accuracy.

Physical Properties

Property	Value
Appearance	Round dark gray tablets
Weight	Each standard tablet weighs 250 grams (8.8 oz.)
Odor	Odorless
Reaction Temperature	>720 °C (1328 °F)
Specific Gravity	1.9

Packaging

- 49.5 lbs. net in heavy-duty cardboard carton, containing multiple poly bags, 10 tablets per sealed plastic sleeve, 9 sleeves per carton.
- See MSDS for storage, spillage, cautions, first aid and other pertinent information.
- Size code 50X

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