

# DILUCO™ 811 ES

## Features & Benefits

- Excellent Release & Metal Flow
- Thermal Stable Synthetic & Natural Lubricants
- No Build Up on Die or in Spray Heads
- Outstanding Finish
- Reduces Thermal Shock to the Die
- Safe for Post Treatment Painting & Plating
- Designed for both Conventional & Electrostatic Spray Equipment
- Minimizes Waste Treatment Costs



## PRODUCT DESCRIPTION:

**DILUCO™ 811 ES** is a waterless, synthetic release agent for casting complex functional and cosmetic castings which may receive post treatment painting or plating. This product is specifically developed for tooling designed around waterless electrostatic/mist application where die temperatures are primarily controlled through internal regulation.

**DILUCO™ 811 ES** is applied to the die surface utilizing an electrostatically charged fine mist. Because this product is waterless, there is no overcoming the steam barrier (Leidenfrost Effect) that is associated with conventional die lubricants, resulting in less waste and reduced thermal shock to the die tool.

It can be used on aluminum, magnesium, or zinc.

## APPLICATION:

This product is to be used as received and is not miscible with water.

## TYPICAL PROPERTIES:

- |                    |        |
|--------------------|--------|
| • Form             | Clear  |
| • Color            | Amber  |
| • Odor             | Slight |
| • Flashpoint       | >60 C  |
| • Specific Gravity | 0.78   |



### Health & Safety:

All reasonable care has been taken to ensure that the information contained in this publication is accurate as the date of printing, however, such information might change to due changes in the formulation blend occurring subsequent to the date of printing. The MSDS must be consulted for appropriate information regarding storage, safe handling, and storage.