

# RIAG Act 657

## Liquid activation for non-ferrous metals to remove oxide layers

**RIAG Act 657** is an acidic liquid activation which is suitable to remove oxide layers on non-ferrous metals.

### Make up

#### RIAG Act 657 Additive

Standard value

10 – 30 mL/L

To maintain the effectiveness of the **RIAG Act 657 Additive** a frequent addition of 1 – 2 mL/L is necessary.

### Operating parameters

Temperature                      room temperature (20 – 35 °C)

Dipping time                      5 seconds – 2 minutes

The application of **RIAG Act 657** is harmless. When neutralizing the activating disturbing effects do not occur because the process does not contain any complexing agents.

Please contact us for further applications of **RIAG Act 657**.

### Technical specifications

At 20 °C  
**RIAG Act 657**

Appearance  
clear, liquid

### Environmental considerations and product safety

All concentrates, rinse waters and waste solution must be treated and discharged in accordance with local effluent control regulations. Information can be gleaned from the material safety data sheets. Chemicals shall not be stored below 10 °C.

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## **Analysis (Analytical methods)**

Sample preparation:

The sample must be taken from a well-mixed location and allowed to cool down to 25 °C.

Reagents: Sodium hydroxide solution 0.1 mol/L  
Methyl orange solution 0.1 % in water

Procedure: 10 mL **RIAG Act 657** are transferred via pipette into a

150 mL beaker, add

50 mL deionised water, add

3 drops Methyl orange solution

Titrate with Sodium hydroxide solution 0.1 mol/L  
from pink to yellow

Calculation: **RIAG Act 657 Additive** (mL/L) = use of NaOH 0.1 mol/L in mL x 1.59