

ECONOVATE A

INTRODUCTION

Econovate A is a dry acid salt replacement for hydrofluoric acid. Econovate A can be used in a wide range of metal finishing applications.

BENEFITS

Econovate A is an easy to use process which is versatile and eliminates the danger of using hydrofluoric acid.

SOLUTION MAKE -UP

Aluminium

Nitric acid	500 ml/L
Econovate A	50 – 100 g/L
High silicon alloys will require up to 100 g/L.	

Magnesium

Sulphuric Acid	100 ml/L
Econovate A	100 g/L

Other Applications

Econovate A can be used for the etching of glass and the removal of sand from castings.

Sulphuric Acid	100ml/L
Econovate A	50 – 100 g/L

OPERATING DATA

Temperature	20 – 30°C depending on application
Immersion Time	20 – 120 seconds
Agitation	Mild air agitation may be useful to ensure thorough cleaning.



EQUIPMENT

Tanks	Acid resistant tanks such as polythene or PVC. Do not use ceramic or glass tanks.
Heaters	Water jacket, PTFE.
Extraction	Recommended.

DISPOSAL

Dispose of in accordance with local authority requirements.

PRODUCT FAMILIES

The following products are referred to in this data sheet.

PRODUCT NAME	PRODUCT NUMBER
Econovate A	223004

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