

CALCIUM ALUMINUM ALLOYS

IMACRO supplies and distributes high quality Calcium-Aluminum alloys to simultaneously add Ca and Al to lead. Other applications include steel treatment and magnesium alloying.

IMACRO

IMACRO Technical and Sales Representatives will be pleased to discuss your requirements for composition, form and packaging.

Please Contact our sales office located at the following address:

Business Office:
1254 Plains Road East
Burlington, Ontario, Canada
Tel: 905-634-3133

Email: info@imacroinc.com

Calcium Aluminum Alloy Specifications 75/25 Grade

Element	Composition (%)
Ca	72-78
Mg	0.5 max
Fe	0.05 max
Ni	0.01 max
Cu	0.01 max
Si	0.005 max
N	0.01 max
Al	Balance

Notes: a) Product Specifications are subject to change at the Company's discretion.
b) Other alloys such as Ca-Al 65/35 and 85/15 are available
c) Alloy grades with low Mg: <0.05% are available upon request.

Calcium Aluminum Alloy Composition Product Forms

Composition	Form
The Ca-Al 75/25 grade is of an eutectic composition with a low melting temperature at 545°C (1013°F)	Generally alloy pieces: 6 x 60mm ; 95% min.

Calcium-Aluminium alloys are added to molten lead between 550°C and 600°C (1,022°F and 1,112°F). The Ca-Al 75/25 grade is preferably added from 560°C to 570°C (1,040°F and 1,058°F).

Packaging According To ADR - IATA - IMDG Regulations

Calcium-Aluminium pieces are packaged in argon flushed UN steel drums with a polyethylene inner line on fumigated pallets. UN steel drums are sealed. Two sizes of drums are available:

30kg (66lb)	Ca-Al pieces	8 drums per pallet
150kg (330lb)	Ca-Al pieces	4 drums per pallet

Special packaging of calcium-aluminium alloys are available on request.

Dangerous goods: UN 1393, ALKALINE EARTH METAL ALLOY, N.O.S. 4.3, II (calcium aluminium alloy).

