



>>Entry Name: **Almasilate**, BAN, INN

Synonym(s): Magnesium aluminosilicate ($\text{Mg}(\text{Al}_2\text{Si}_2\text{O}_8)$). Gelusil. Malinal

CAS Registry Number: 71205-22-6

Related CAS Registry Numbers(s): 12768-32-0 50958-44-6

$\text{Al}_2\text{O}_3 \cdot \text{MgO} \cdot 2\text{SiO}_2$

Molecular Formula: $\text{Al}_2\text{MgO}_8\text{Si}_2$

Molecular Weight: 262.434

Accurate Mass: 261.861294

Percentage Composition: Al 20.56%; Mg 9.26%; O 48.77%; Si 21.40%

Use/Importance: Antacid

Other Data: Component of Belsar and Utilac

References:

U.K. Pat., 1969, *Fuji Chem*, 1 153 513; *CA*, **71**, 126618s, (*synth*)

Sommer, H. *et al.*, *Med. Klin. (Munich)*, 1973, **68**, 1500, (*activity*)

Rhodes, J. *et al.*, *Br. J. Clin. Pract.*, 1984, **38**, 412, (*activity*)

Cargill, R.W. *et al.*, *J. Pharm. Pharmacol.*, 1989, **41**, 11, (*props*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 869