



>>Entry Name: Magnesium trisilicate, USAN

Synonym(s): Trimax. Sellagen. Magnosil

CAS Registry Number: 39365-87-2

Extra CAS Registry Numbers(s): 14987-04-3

$\text{Mg}_2\text{Si}_3\text{O}_8$

Molecular Formula: $\text{Mg}_2\text{O}_8\text{Si}_3$

Molecular Weight: 260.862

Accurate Mass: 259.860185

Percentage Composition: Mg 18.63%; O 49.07%; Si 32.30%

Use/Importance: Antacid. Pharmaceutical excipient (glidant)

Physical Description: White powder

Other Data: Component of Azolid A, Gaviscon, Malcotabs, Tricreamalate and Trisogel

References:

Glass, N., *Q. J. Pharm. Pharmacol.*, 1936, **9**, 445

U.S. Pat., 1966, 3 272 594

Washington, N., *Antacids and Anti-Reflux Agents*, CRC Press, 1991, (book)

Handbook of Pharmaceutical Excipients, 2nd edn., (eds. Wade, A. *et al*), American Pharmaceutical Association/Pharmaceutical Press, 1994, 283-284

Martindale, The Extra Pharmacopoeia, 31st edn., *Pharmaceutical Press*, 1996, 1226

Sax, N.I. *et al.*, *Dangerous Properties of Industrial Materials*, 7th edn., *Van Nostrand Reinhold*, 1989, 2154