



>>Entry Name: Dimeticone, INN, JAN

Synonym(s): Dimethicone, BAN. Poly(dimethyl siloxane)

CAS Registry Number: 9006-65-9

Type of Compound Code(s): XA2800 XA3650

Use/Importance: Antifoaming agent, water repellent. Antiflatulent. Dermatological agent

Other Data: Component of Altacaps, Cobadex, Diovol, Siloxyl and Vasogen

>>Derivative: Mixt. with silicon dioxide

Synonym(s): Simethicone, USAN. Simeticone, BAN, INN. Mylicon. Silain

CAS Registry Number: 8050-81-5

Type of Compound Code(s): XA3750

Use/Importance: Antiflatulent

Physical Description: Viscous oil

Other Data: Component of Gelusil, Mylanta and Tricone

Hazard & Toxicity: LD₅₀ (dog, ivn) 900 mg/kg

References:

Ger. Pat., 1971, *Richardson-Merrell*, 2 057 239; *CA*, **75**, 91 323v, (*synth, pharmacol*)

Cox, H.L.M. *et al.*, *Pharm. Weekbl.*, 1976, **111**, 973, (*activity*)

Grape, W., *Parfuem. Kosmet.*, 1986, **67**, 326, (*manuf, props*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 1109

Brežević, L. *et al.*, *J. Appl. Toxicol.*, 1994, **14**, 207, (*Simethicone, pharmacol*)