



COMMITTEE FOR VETERINARY MEDICINAL PRODUCTS

MATRICARIAE FLOS

SUMMARY REPORT

1. *Matricariae flos* (Chamomilla) are the dried flowerheads of *Matricaria recutita* L., an ubiquitously growing plant. The dried flowers contain approximately 0.1% cumarins (umbelliferon and its methyl ether, herniarin), flavonoids and 0.25-1.9% volatile oils containing mainly bisabolol (up to 50%) and chamazulen (up to 15%) as well as their oxidation products, sesquiterpenes and proazulenes.
2. *Matricariae flos* is topically used in veterinary medicinal products as solution and ointment in combination with other herbal extracts or tinctures for treatment of skin lesions, eczema and inflammations. The fluid extracts for solutions and ointments are prepared with ethanol 45%, the tinctures are prepared with 70% isopropanol. The medicinal products contain between 2.5% and 30% (w/w) of these preparations and are applied 1 to 2 times daily to the damaged skin area for up to a week.
3. The dried flowers are used as herbal infusions, fluid extracts and tinctures in human traditional medicine. The normal dose for human use is 2-8 g of dried flowerheads, or infusion or as alcoholic liquid extract 1:1, 1-4 ml three times daily.
4. *Matricariae flos* are also used for the preparation of teas and therefore it can be concluded that the normal human diet already contains *Matricariae flos*.

Conclusions and recommendation

Having considered the criteria laid down by the Committee for the inclusion of substances in Annex II of Council Regulation (EEC) No. 2377/90 and in particular that:

- *Matricariae flos* is considered as a normal component of human food,
- *Matricariae flos* is used infrequently and for treatment of individual animals;

the Committee concludes that there is no need to establish maximum residue limits for *Matricariae flos* and recommends its inclusion in Annex II to Council Regulation (EEC) No 2377/90 in accordance with the following table:

Pharmacologically active substance(s)	Animal species	Other provisions
<i>Matricariae flos</i>	All food producing species	