

## 32 *Trianthema portulacastrum* Linn. (svetapunarnava)

Drug consists of the dried whole plant (mostly root and vegetative parts) of *Trianthema portulacastrum* Linn. (syn. *T. monogyna* Linn.) (Plate 32.1 A & B); Fam. Aizoaceae. A prostrate, glabrous, annual, succulent herb, growing throughout India as a weed in plains and found in wastelands.



A. Plant



B. Root

Plate 32.1 *Trianthema portulacastrum* Linn.

### Chemical Constituents

#### Major

Ecdysterone<sup>1,2</sup>.

#### Others

Trianthanol<sup>3</sup> (15-hydroxymethyl-2, 6, 10, 18, 22, 26, 30-heptamethyl-14-methylene-17-hentriacontene), 5-hydroxy-2-methoxybenzaldehyde<sup>3</sup>, 3-acetylaleuritolic acid<sup>3</sup>, *p*-methoxybenzoic acid<sup>3</sup>, 5,2'-dihydroxy-7-methoxy-6,8-dimethylflavone<sup>4</sup>, 5,7-dihydroxy-6,8-dimethylchromone(leptorumol)<sup>4</sup>, 3,4-dimethoxy cinnamic acid<sup>5</sup>, beta cyanin<sup>5</sup>.

*Trianthema portulacastrum* Linn.

