

**● PRESCRIBING AND DISPENSING INFORMATION**

Tocopherol is a water-soluble form of D-alpha tocopherol.

**● MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.**Oral solution****▶ Vedrop** (Recordati Rare Diseases UK Ltd) ▼

**D-alpha tocopherol (as Tocopherol) 50 mg per 1 ml** Vedrop 50mg/ml oral solution sugar-free | 20 ml [PoM] £54.55 DT = £54.55 sugar-free | 60 ml [PoM] £163.65

**Alpha tocopheryl acetate****(Tocopherol)****● INDICATIONS AND DOSE****Vitamin E deficiency****▶ BY MOUTH**

▶ Neonate: 10 mg/kg once daily.

▶ Child: 2–10 mg/kg daily, increased if necessary up to 20 mg/kg daily

**Malabsorption in cystic fibrosis****▶ BY MOUTH**

▶ Child 1–11 months: 50 mg once daily, dose to be adjusted as necessary, to be taken with food and pancreatic enzymes

▶ Child 1–11 years: 100 mg once daily, dose to be adjusted as necessary, to be taken with food and pancreatic enzymes

▶ Child 12–17 years: 100–200 mg once daily, dose to be adjusted as necessary, to be taken with food and pancreatic enzymes

**Vitamin E deficiency in cholestasis and severe liver disease****▶ BY MOUTH**

▶ Neonate: 10 mg/kg daily.

▶ Child 1 month–11 years: Initially 100 mg daily, adjusted according to response, increased if necessary up to 200 mg/kg daily

▶ Child 12–17 years: Initially 200 mg daily, adjusted according to response, increased if necessary up to 200 mg/kg daily

**▶ BY INTRAMUSCULAR INJECTION**

▶ Neonate: 10 mg/kg once a month.

▶ Child: 10 mg/kg once a month (max. per dose 100 mg)

**Malabsorption in abetalipoproteinaemia****▶ BY MOUTH**

▶ Neonate: 100 mg/kg once daily.

▶ Child: 50–100 mg/kg once daily

**● CAUTIONS** Increased risk of necrotising enterocolitis in neonate weighing less than 1.5 kg or in a preterm neonate (in neonates) · predisposition to thrombosis**● INTERACTIONS** → Appendix 1: vitamin E substances**● SIDE-EFFECTS** Abdominal pain (more common at high doses) · bleeding tendency · diarrhoea (more common at high doses) · increased risk of thrombosis**● PREGNANCY** No evidence of safety of high doses.**● BREAST FEEDING** Excreted in milk; minimal risk, although caution with large doses.**● MONITORING REQUIREMENTS** Increased bleeding tendency in vitamin-K deficient patients or those taking anticoagulants (prothrombin time and INR should be monitored).**● DIRECTIONS FOR ADMINISTRATION**

Consider dilution of oral suspension for use in neonates due to high osmolality.

**● MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug. Forms available from special-order manufacturers include: chewable tablet, solution for injection**Solution for injection****▶ Alpha tocopheryl acetate (Non-proprietary)**

**Alpha tocopheryl acetate 50 mg per 1 ml** E-Vicotrat 100mg/2ml solution for injection ampoules | 10 ampoule [PoM] [S]

**Oral suspension**

EXCIPIENTS: May contain Sucrose

**▶ Alpha tocopheryl acetate (Non-proprietary)**

**Alpha tocopheryl acetate 100 mg per 1 ml** Alpha tocopheryl acetate 500mg/5ml oral suspension | 100 ml [GSL] £67.97 DT = £67.97

**Chewable tablet****▶ E-Tab** (Ennogen Healthcare Ltd)

**Alpha tocopheryl acetate 100 mg** E-Tab 100mg chewable tablets | 30 tablet £87.30

**▶ Ephynal** (Imported (Italy))

**Alpha tocopheryl acetate 100 mg** Ephynal 100mg chewable tablets | 30 tablet [S]

**Capsule****▶ Alpha tocopheryl acetate (Non-proprietary)**

**Alpha tocopherol 75 unit** Vitamin E 75unit capsules | 100 capsule £13.05

**Alpha tocopherol 200 unit** Vitamin E 200unit capsules | 30 capsule £10.05

Bio-E-Vitamin 200unit capsules | 150 capsule £9.40

**Alpha tocopherol 400 unit** Vitamin E 400unit capsules | 30 capsule £15.12

**▶ E-Caps** (Ennogen Healthcare Ltd)

**Alpha tocopherol 75 unit** E-Caps 75unit capsules | 100 capsule £109.50

**Alpha tocopherol 100 unit** E-Caps 100unit capsules | 30 capsule £84.40

**Alpha tocopherol 200 unit** E-Caps 200unit capsules | 30 capsule £89.50

**Alpha tocopherol 400 unit** E-Caps 400unit capsules | 30 capsule £128.50

**Alpha tocopherol 1000 unit** E-Caps 1,000unit capsules | 30 capsule £130.20

**▶ Nutra-E** (TriOn Pharma Ltd)

**Alpha tocopherol 75 unit** Nutra-E 75unit capsules | 100 capsule £5.86

**Alpha tocopherol 200 unit** Nutra-E 200unit capsules | 100 capsule £12.88

**Alpha tocopherol 400 unit** Nutra-E 400unit capsules | 100 capsule £19.82

**▶ Vita-E** (Typharm Ltd)

**Alpha tocopherol 75 unit** Vita-E 75unit capsules | 100 capsule £6.99

**Alpha tocopherol 200 unit** Vita-E 200unit capsules | 30 capsule £5.35 | 100 capsule £14.99

**Alpha tocopherol 400 unit** Vita-E 400unit capsules | 30 capsule £7.99 | 100 capsule £21.85

**VITAMINS AND TRACE ELEMENTS > VITAMIN K****Menadiol sodium phosphate****● INDICATIONS AND DOSE****Supplementation in vitamin K malabsorption****▶ BY MOUTH**

▶ Child 1–11 years: 5–10 mg daily, dose to be adjusted as necessary

▶ Child 12–17 years: 10–20 mg daily, dose to be adjusted as necessary

**● CONTRA-INDICATIONS** Infants · neonates**● CAUTIONS** G6PD deficiency (risk of haemolysis) · vitamin E deficiency (risk of haemolysis)**● PREGNANCY** Avoid in late pregnancy and labour unless benefit outweighs risk of neonatal haemolytic anaemia, hyperbilirubinaemia, and kernicterus in neonate.