



## TECHNICAL DATA SHEET

Standard grade

|                   |                                                |                  |         |
|-------------------|------------------------------------------------|------------------|---------|
| Product name      | Fuscumol acetate                               | Product code     | EP00188 |
| CAS No.           | 3239-35-8                                      | Pheromone code   | —       |
| Molecular formula | C <sub>15</sub> H <sub>26</sub> O <sub>2</sub> | Molecular weight | 238.37  |

### Specification

| Property        | Specification                           | Method       |
|-----------------|-----------------------------------------|--------------|
| Appearance      | Clear, colourless to pale yellow liquid | Visual       |
| Chemical purity | ≥ 95.0 %                                | GC-FID (PEG) |

### Storage and handling

|                    |                                              |               |                       |
|--------------------|----------------------------------------------|---------------|-----------------------|
| Storage conditions | 2–8 °C, protected from light, tightly closed | Retest period | 24 months             |
| Packaging          | 1 kg; 25 kg                                  | Safety        | See Safety Data Sheet |

### Application (literature reference)

|                           |                                                                                                           |
|---------------------------|-----------------------------------------------------------------------------------------------------------|
| Pheromone type            | Aggregation pheromone                                                                                     |
| Target species            | Xylotrechus chinensis; Tetropium abietis; Cardiophorus tenebrosus; Cardiophorus edwardsi                  |
| Order / family            | Coleoptera: Cerambycidae (Cerambycinae); Coleoptera: Cerambycidae (Spondylidinae); Coleoptera: Elateridae |
| Crops                     | Mulberry                                                                                                  |
| Reported use              | Monitoring                                                                                                |
| Reported blend components | geranyl acetone; fuscumol; mono-chamol; 3-hydroxyhexan-2-one                                              |
| Trap type                 | multi-funnel trap                                                                                         |
| Key reference             | doi:10.3390/insects14080676; doi:10.1093/ee/nvw101                                                        |