



## TECHNICAL DATA SHEET

Standard grade

|                   |                                                |                  |         |
|-------------------|------------------------------------------------|------------------|---------|
| Product name      | Dominicalure-1                                 | Product code     | EP00228 |
| CAS No.           | 80510-15-2                                     | Pheromone code   | —       |
| Molecular formula | C <sub>11</sub> H <sub>20</sub> O <sub>2</sub> | Molecular weight | 184.28  |

### 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            | Rhyzopertha dominica (lesser grain borer)                  |
| Order / family            | Coleoptera: Bostrichidae                                   |
| Crops                     | Maize; groundnut; wheat                                    |
| Reported use              | Monitoring                                                 |
| Reported blend components | Dominicalure 2                                             |
| Trap type                 | pheromone-baited flight traps; pheromone-baited glue traps |
| Key reference             | doi:10.1007/bf00990308; doi:10.1007/bf02033577             |