**SPECIFICATION SHEET**

<table>
<thead>
<tr>
<th>VERSION</th>
<th>VERSION DATE</th>
<th>PRINT DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td>19/01/17</td>
<td>16/12/20</td>
</tr>
</tbody>
</table>

**PRODUCT**
HEXYL CINNAMIC ALDEHYDE KAO

**APPLICATIONS**
Raw material for industrial use intended for the manufacture of fragrances.

**IUPAC NAME**
2-(PHENYL METHYLENE)-OCTANAL

**SYNONYMS**
ALPHA-N-HEXYLCINNAMIC ALDEHYDE

**FORMULA**
C₁₅H₂₀O

**MOLECULAR WEIGHT**
216,00

**CAS**
165184-98-5

**CAS 2**
101-86-0

**EINECS 2**
202-983-3

**FEMA**
2569

**TARIFF NUMBER**
2912290090

**KOSHER CERTIFICATE**
AVAILABLE ON REQUEST

**REACH REGISTRATION NO.**
01-2119533092-50

**SPECIFICATIONS**

- **ASPECT AT 20°C**
  CLEAR MOBILE LIQUID / SOLID

- **COLOUR**
  PALE YELLOW TO YELLOW

- **ODOUR**
  FLORAL, JASMIN, ROSE, GERANIUM LEAVES

- **TASTE**
  0,950 - 0,960

- **DENSITY A 20°C (g / ml)**
  0,950 - 0,960

- **DENSITY 25/25**
  -

- **REFRACTIVE INDEX nD20**
  1,5470 - 1,5530

- **REFRACTIVE INDEX nD25**
  -

- **OPTICAL ROTATION (º)**
  305 (760 mm Hg)

- **BOILING POINT (°C)**
  CA. 4 - 15

- **MELTING POINT (°C)**
  165,00

- **ASSAY (% GC)**
  > 96%, TRANS > 90%

- **ACID VALUE (mg KOH/g)**
  < 0,5

- **SOLUBILITY**
  INSOLUBLE IN WATER

- **VAPOUR PRESSURE**
  < 0,02 mm Hg (20°C)

- **OTHER SOLUBILITIES**
  SOLUBLE IN ETHANOL

**OTHER TECHNICAL DATA**

IT MAY SOLIDIFY AT LOW TEMPERATURES. NITROGEN HEADSPACE ATMOSPHERE IS RECOMMENDED FOR PRESERVATION OF THE PRODUCT.

**STABILITY AND STORAGE**

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 18 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

STABILIZED WITH 1000 ppm TBHQ (TERT-BUTYLHYDROQUINONE) AS ANTIOXIDANT. DO NOT HEAT AT MORE THAN 50°C

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE.

IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.