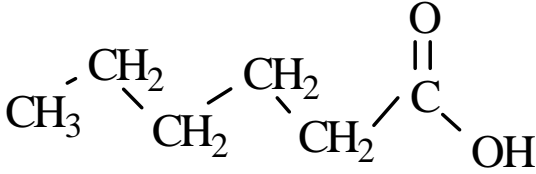


**TECHNICAL DATA SHEET**

11/24/2009

|   |  |   |             |  |
|---|--|---|-------------|--|
| <b>N-HEXANOIC ACID NATURAL</b>  |  |         |             |  |
| n-Hexanoic Acid; Caproic acid, Natural  |  |   |             |  |
| Formula: C6 H12 O2  | FW: 116.16                             | Kosher: <input checked="" type="checkbox"/>   |             | FCC: <input checked="" type="checkbox"/> |
| Appearance and Color: } Clear oily liquid / Colorless to light yellow   | Part Code: <b>11215</b>                |   |             |  |
| Density (g/ml) $d_4^{20} = 0.923-0.928$   | RI: $n_D^{25} = 1.415-1.418$           | Soluble in: <small>Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble</small> |             |  |
| Flash Point: 104°C<br>Method: Closed Cup  | Boiling Point:<br>205°C                | <input type="checkbox"/> FS Alcohol   |             |  |
| Vapor Press: 0.03 mm Hg, 20°C<br>log K(ow): 2.05  | Acid Number: ≤ NA                      | <input type="checkbox"/> FS Propylene Glycol  |             |  |
|   |  | <input type="checkbox"/> FS Essential Oils  |             |  |
|   |  | <input type="checkbox"/> I Water  |             |  |
| <b>CHROMATOGRAPHIC ANALYSIS</b> Purity: ≥ 98.0 %  |  |   |             |  |
| GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID<br>AT-AquaWax: 140°C (5 min HOLD) to 225°C at 10°C/min. (11.5 min. HOLD) |  |   |             |  |
| <b>REFERENCE NUMBERS</b>  |  | Natural/Nature Identical/Artificial: <input type="checkbox"/> N                           |             | <b>ODOR/TASTE</b>                        |
| FEMA/GRAS N°: 2559<br>Co. Europe N°: 9<br>C.A.S. N°: 142-62-1<br>EINECS N°: 205-550-7<br>TARIFF N°: 2915.90.1050                        |  | <b>NATURAL OCCURRENCE</b><br>Found in aromas of apple, currant, and strawberry.           |             | Cheesy, sweat-like /                     |
| <b>TRANSPORT:</b>   |  |   |             |  |
| Hazard: Corrosive   | <b>REGULATION</b>                      | <b>HAZ. CLASS</b>   | <b>PG</b>   | <b>UN N°</b>                             |
| Point 1 2 4   | 1 R.T.M.D.                             |   |             |  |
| Not Regulated   | 2 ADR/RID                              |   |             |  |
| <u>Category / other info:</u>   | 3 I.A.T.A.                             | 8   | 818/820 III | 2829                                     |
|   | 4 I.M.D.G.                             |   |             |  |
| SAFETY DATA: Available  | TSCA: Listed                           | <b>PACKING CONTAINERS:</b>  |             |  |
| STORAGE: Under Nitrogen   |  | <input checked="" type="checkbox"/> Epoxy-coated Steel Drums                              |             |  |
| Temperature: ≤ -18°C <input type="checkbox"/>   |  | <input type="checkbox"/> Stainless Steel Drums  |             |  |
| ≤ 5°C <input type="checkbox"/>  |  | <input type="checkbox"/> Aluminum Bottles   |             |  |
| Shelf Life: ~ 12 months   | RT <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Glass Bottles   |             |  |
|   |  | <input type="checkbox"/> Plastic / Plastic-lined drums                                    |             |  |

Unless otherwise noted, this data sheet is for your information only and Fontarôme Chemical cannot be held responsible for its contents.