



## SPECIFICATION SHEET

**VERSION** 1

**VERSION DATE** 10/02/14

**PRODUCT** LAURIC ACID, NATURAL  
**IUPAC NAME** -  
**SYNONYMS** DODECANOIC ACID,  
1-UNDECANECARBOXYLATE

**FORMULA** C<sub>12</sub>H<sub>24</sub>O<sub>2</sub>  
**MOLECULAR WEIGHT** 200  
**CAS** 143-07-7  
**EINECS** 205-582-1  
**FEMA** 2614  
**CoE** 12  
**FDA** 172.860  
**TARIFF NUMBER** 2915903000  
**REACH REGISTRATION NO.** 01-2119538184-40

### SPECIFICATIONS

**ASPECT AT 20°C** POWDER OR FLAKES  
**COLOUR** WHITE  
**DENSITY 25/25** 0,87– 0,88  
**BOILING POINT (°C)** 299 °C  
**MELTING POINT (°C)** 42 - 44  
**FLASH POINT (°C)** 165  
**ASSAY (%GC)** > 98%  
**ACID VALUE (mg KOH/mg)** -  
**SOLUBILITY** NON MISCIBLE IN WATER  
**VAPOUR PRESSURE** NOT DETERMINED  
**OTHER SOLUBILITIES** SOLUBLE IN ETHANOL.

### STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.