

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

Product:	Undecylenic Acid, Natural
FEMA No:	3247
CAS No:	112-38-9
CFR No:	117
Chemical name or Synonyms:	10-Undecenoid Acid; 10-Undecenoic acid
Empirical Formula:	$C_{11}H_{20}O_2$
Declaration in USA:	Natural
EEC:	-
Appearance:	Colorless to pale yellow solid
Odor:	Characteristic pungent odor
Boiling Point:	275°C
Melting Point:	25-27°C
Flash Point:	110°C
Specific Gravity @ 25°C: (for liquids only)	0.909-0.919
Refractive Index @ 20°C: (for liquids only)	1.442-1.453
Purity (GLC):	97 %Min
Solubility:	Soluble in ether, alcohol; insoluble in water
Storage and Shelf Life:	Store in tightly closed container, away from light and source of ignition at max. 20 °C. 24 months shelf life

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