



Performance | Sustainability | Technical Excellence | Commercial Scale

Innoleo[®] SA (CAS# 111-20-6)

Innoleo[®] SA is a high purity sebacic acid that is an effective additive in a variety of applications. The product is used in coolant (anti-freeze) formulas for its anti-corrosion properties. It is used in a variety of applications for automotive, industrial and aviation. Innoleo[®] SA can be reacted with a variety of alcohols to create sebacate esters for use in industrial and cosmetic applications. Sebacic acid has been used effectively as an alternative to adipic acid, dodecanoic acid and azelaic acid.

Product Performance Benefits

- High thermal stability
- Oxidation resistance
- Low peroxide value
- Non-toxic
- Coupling agent in grease
- Biobased

Typical Properties

Property	Units	Result
Appearance	-	White/Granular
Total Acid Number	mg KOH/g	≥550
Color	-	25 max
Ash Content	%	0.03 max
Melt Point	°C	130.0-134.5
Moisture	%	0.3 max
Purity (by GC)	%	99.5 min
Granularity	-	~60 mesh

Applications

- Antifreeze/Coolant
- Polymer production
- Lubricant production
- Produce plasticizers
- Grease complexes
- Ester production

The concierge service provider of sustainable oleochemicals