



Ivy Leaf Extract – Technical Data Sheet (10% Hederacoside C)

INCI Name	Hedera Helix Leaf Extract
Botanical Source	Hedera helix L. – Leaf
Specification	10% Hederacoside C
Physical Form	Light green to brown fine powder
Smell	Herbal, slightly bitter odor
Solubility in Water	~5–10 g/L at 50–60 °C with stirring
Solubility in Oil	Practically insoluble
Recommended Solubilization Method	<ul style="list-style-type: none">- Disperse in warm water (~50–60 °C)- Stir for 5–10 minutes- Use filtration to remove residual solids if needed
Cosmetic Functions	Skin conditioning, soothing, purifying
Recommended Use Level	0.5–2% (in water phase)
Preservation/Handling	Store in tightly sealed packaging in a cool, dry, dark place
Shelf Life	24 months if stored properly and unopened
Toxicity Criteria	
NOAEL	300 mg/kg bw/day (oral, rat, dry extract)
LD50	>2000 mg/kg bw (oral, rat)
Genotoxicity	No mutagenic effects observed in standard assays