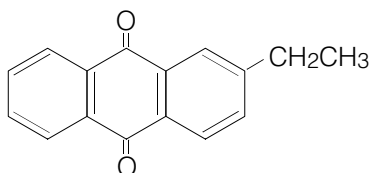


2-Ethylanthraquinone

Technical Data Sheet

February 1997

Formula:..... C₁₆H₁₂O₂
Molecular Weight 236.3
Product Number 065321
CAS Registry Number:..... 84-51-5



Product Specifications	Value	Test Method
2-Ethylanthraquinone, % minimum	97.0	GC
Anthraquinone, % maximum	0.8	GC
Toluene insolubles, % maximum	0.08	Gravimetric
Acidity, mg KOH/g, maximum	0.7	Titration
Iron, mg/kg, maximum	2.0	AAS
Sulphur, mg/kg, maximum	10	IC
Chlorine, mg/kg, maximum	100	IC

Physical Properties

Freezing point, °C	> 107
Density @ 20°C, g/cm ³	0.65
Flash point, °C	> 210
Ignition temperature, °C	485

Description

2-Ethylanthraquinone are yellow crystalline flakes. They are soluble in benzene, ethylacetate and acetic acid. They are insoluble in water.

Safety

2-Ethylanthraquinone may irritate the skin and eyes. Inhalation of dust may irritate the respiratory tract.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety.

Applications

Intermediate used in the production of dyes.

It is also used as a catalyst for the production of hydrogen peroxide.

Packaging

Available in 220 lb (net weight) polyethylene lined steel drums and 1100 lb (net weight) Super Sacs.

Storage & Handling

2-Ethylanthraquinone has an almost unlimited shelf life in unopened, original containers when properly stored in a protected storage area. It must be protected from light and heat. It is neither explosive nor spontaneously flammable in air. However, it is combustible.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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