

Product Datasheet

GT4102 - Sudan I (C.I. 12055)

Pictograms

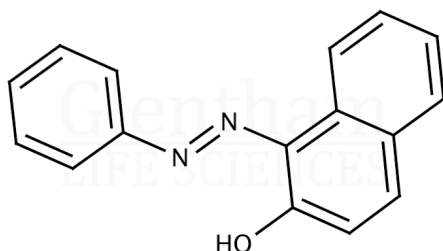


Product Details

Product Name	Sudan I (C.I. 12055)
Glenthams Code	GT4102
CAS Number	842-07-9
EINECS	212-668-2
Colour Index	12055
MDL Number	MFCD00003911
PubChem SID	310280353
Related Categories	Dyes & Stains

Structure

Molecular Weight	: 248.28
Molecular Formula	: C ₁₆ H ₁₂ N ₂ O



Glenthams Product Specification

Physical Description	: Orange to dark orange-red powder
Solubility (0.1% in ethanol)	: Clear, orange solution
Wavelength of Maximum Absorption (λ _{max})	: 465.0 - 490.0 nm (10mg/l in ethanol)
Absorptivity (1%/1cm)	: ≥ 570 (at λ _{max} , in ethanol)
Loss on Drying	: ≤ 3.0% (1h, 110°C)
Version	: v1.0

About Sudan I (C.I. 12055)

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Skin Sens. 1, Aquatic Chronic 4, Carc. 2, Muta. 2
Signal Word	Warning
Hazard Codes	H317, H413, H351, H341
Precautionary Codes	P333+P313, P280, P308+P313

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