



# Material Safety Data Sheet

**Notice:** To the best of our knowledge the information contained herein is accurate and is represented in good faith, however no expressed or implied warranty is made in this regard.

## Section I Chemical Product and Company Identification

Date Issued: 12/02/02 Revision Level: 2

<http://www.biochrom.co.uk>

	e-mail: <a href="mailto:enquiries@biochrom.co.uk">enquiries@biochrom.co.uk</a>
Product Name: <b>Ninhydrin Solution</b>	Catalogue No: <b>80-2110-76</b>
Product Use: Laboratory chemical for In Vitro Use in Amino Acid Analysis	
Labelling Text R36/37 Irritating to eyes, skin and respiratory system, R21/22 harmful in contact with skin and if swallowed.	Danger Symbol(s) Harmful
Shipping Name Not known	IATA Poisonous n.o.s

## Section II Composition / Information on Ingredients

Chemical Family: Not known	Chemical Name: 1,2,3-Indanetrionehydrate;Ninhydrin hydrate,1,2,3-Triketonhydrindene hydrate
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## Section V Firefighting Measures

## Ninhydrin Solution

Autoflammability	Not determined
Flash Point (test method)	Not determined
Extinguishing Media	Alcohol foam, waterspray, CO2 and dry chemical extinguishers
Special Firefighting Procedures	Wear full self containi

## Section IX Physical and Chemical Properties

## Ninhydrin Solution

Pure substance or preparation	Preparation
Physical Form	Liquid
Appearance / Odour	Pale yellow liquid with a disagreeable odour
Odour Threshold	Not determined
pH AS is	N/A
Boiling Point 760mm	Not determined
Melting / Freezing Point	Not determined
Solubility in Water (% by wt at 20 °C)	Not determined
Partition Coefficient (n-octanol / water)	Not known
Relative density	Not determined
Evaporation Rate	Not determined
Vapour Pressure (mmHg)	Not determined
Vapour Density (air=1)	Not determined
Viscosity	Not determined
Volatiles	Not determined
Volatile Organic Compounds	Not determined
Autoflammability	Not determined
Flash Point	Not determined
Oxidising Properties	Not determined

## Section X Stability and Reactivity

Stability	Yes
Materials to avoid	Strong Oxidising agents may discolour on exposure to light.
Hazardous Decomposition Products	Not known

## Section XI Toxicological Information

Route of Entry	Inhalation, Skin contact, ingestion
Effects of Acute Exposure	Harmful by inhalation, ingestion, may cause skin/eye irritation. Material is a rubefacient.
Effects of Chronic Exposure	Not known
Target Organs	Not known
Special Health Effects	Material is a rubefacient may cause red/inflammation on site of skin contact.

## Section XII Ecological Information

## Ninhydrin Solution

Chronic (Long Term) Effects of Exposure	
Potential Effect on Environment	Not known
Mobility	Not known
Persistence and Degradability	Not known
Potential to Bioaccumulate	Not known
Ecotoxicity	Not known
Aqua Toxicity	Not known

## Section XIII - Disposal Considerations

Waste Disposal

Dispose of material according to local, state and federal regulations.

