



Section 1 - Chemical Product and Company Identification

Product Name Ninhydrin extrapure AR, 99%
Product Code 55058
CAS No 485-47-2
Use for Laboratory Chemicals.
Company Name Sisco Research Laboratories Pvt. Ltd.
Address 608, B Wing, Satellite Gazebo, Andheri Ghatkopar Link Road,
Andheri (E), Mumbai - 400 099, India

Section 2 - Composition/Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
485-47-2	Ninhydrin	99%	207-618-1

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Harmful if swallowed. Irritating to eyes, respiratory system and skin.

Potential Health Effects

Eye: Causes eye irritation.

Skin: Causes skin irritation. Harmful if absorbed through the skin.

Ingestion: Harmful if swallowed. May cause irritation of the digestive tract.

Inhalation: Harmful if inhaled. Causes respiratory tract irritation.

Chronic:

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Get medical aid. Wash mouth out with water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Do not let this chemical enter the environment.

Section 7 - Handling and Storage



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Handling:, Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Storage:, Store in a cool, dry place. Store in a tightly closed container.

Section 8 - Exposure Control / Personal Protection

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits,

CAS# 485-47-2:

Personal Protective Equipment

Eyes:, Wear chemical splash goggles.

Skin:, Wear chemical splash goggles. Wear appropriate protective gloves to prevent skin exposure.

Clothing:, Wear appropriate protective clothing to prevent skin exposure.

Respirators:, Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced

Section 9 - Physical and Chemical Properties

Physical State:, Crystalline powder

Color:, light yellow

Odor:, Not available

pH:, 4.6-5.6 (1% aq.sol.)

Vapor Pressure:, Not available

Viscosity:, Not available

Boiling Point:, Not available

Freezing/Melting Point:, 250 deg C(decom)

Autoignition Temperature:, Not available

Flash Point:, Not available

Explosion Limits: Lower:, Not available

Explosion Limits: Upper:, Not available

Decomposition Temperature:,

Solubility in water:, Soluble

Specific Gravity/Density:,

Molecular Formula:, C9H6O4

Molecular Weight:, 178.14

Section 10 - Stability and Reactivity

Chemical Stability:, Light sensitive.

Conditions to Avoid:, Incompatible materials, light.

Incompatibilities with Other Materials:, Strong oxidizing agents.

Hazardous Decomposition Products:, Carbon monoxide, carbon dioxide.

Hazardous Polymerization:, Has not been reported.

Section 11 - Toxicological Information

RTECS#:, CAS# 485-47-2: NK5425000

LD50/LC50:, RTECS: Not available.

Carcinogenicity:, Ninhydrin - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Other:, The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information.



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Section 12 - Ecological Information

Other:, Do not empty into drains.

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

IATA , IMO , RID/ADR
Shipping Name: Not regulated for transport (Non-Haz)
Hazard Class:
UN Number:
Packing Group:

Section 15 - Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Section 16 - Other Information

Sisco Research Laboratories Pvt. Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.