



Section 1 - Chemical Product and Company Identification

Product Name p-Nitrophenol (High Purity) extrapure AR, 99.5%
Product Code 25170
CAS No 100-02-7
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#
100-02-7	Nitrophenol	99.5%	202-811-7

Section 3 - Hazards Identification

Risk advice to man and the environment

Toxic if swallowed. Very toxic in contact with skin. Irritating to eyes, respiratory system and skin.

Section 4 - First Aid Measures

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin: Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Inhalation: If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

Notes to Physician:

Section 5 - Fire Fighting Measures

Extinguishing Media

Suitable: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Protective

Equipment For Firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

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. Avoid generating dusty conditions. Do not let this chemical enter the environment.



Product Code 25170

Section 7 - Handling and Storage

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

Storage:, Store in a cool, dry place. Do not store in direct sunlight. Store in a tightly closed container.

Section 8 - Exposure Control / Personal Protection

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Exposure Limits,

CAS# 100-02-7:

Russia: 1 mg/m³ TWA (aerosol) ,

Personal Protective Equipment

Eyes:, Wear chemical splash goggles.

Skin:, 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:, Crystals

Color:, brown - yellow

Boiling Point:, 279 deg C @760mmHg (534.20°F)

Freezing/Melting Point:, > 112 deg C (> 233.60°F)

Flash Point:, 169 deg C (336.20 deg F)

Molecular Formula:, C₆H₅NO₃

Molecular Weight:, 139.11

Section 10 - Stability and Reactivity

Chemical Stability:, Light sensitive.

Conditions to Avoid:, Incompatible materials, light, temperatures above 75°C (167°F), heat.

Incompatibilities with Other Materials, Strong oxidizing agents, strong bases, caustic alkalis, combustible materials.

Hazardous Decomposition Products, Nitrogen oxides, carbon monoxide, carbon dioxide, phenol.

Hazardous Polymerization, Will not occur.

Section 11 - Toxicological Information



www.srlchem.com

Product Code 25170

RTECS#:, CAS# 100-02-7: SM2275000

LD50/LC50:, RTECS:

CAS# 100-02-7: Dermal, guinea pig: LD50 = >1 gm/kg;

Oral, mouse: LD50 = 282 mg/kg;

Oral, rat: LD50 = 202 mg/kg;

Skin, rat: LD50 = 1024 mg/kg;

Carcinogenicity:, 4-Nitrophenol - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

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

Section 12 - Ecological Information

NO DATA AVAILABLE

Section 13 - Disposal Considerations

Product: Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging: Dispose of as unused product.

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	NITROPHENOLS	NITROPHENOLS	NITROPHENOLS
Hazard Class:	6.1	6.1	6.1
N Number:	1663	1663	1663
Packing Group:	III	III	III

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.