



# SAFETY DATA SHEET

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## SECTION 1 PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: **4-Fluoro-3-Nitrophenyl Azide**

PART NUMBER: PA100

CAS NUMBER: 28166-06-5

SYNONYMS: FNPA

### MANUFACTURER:

Prochem, Inc.  
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## SECTION 2 HAZARDS IDENTIFICATION

### CLASSIFICATION OF SUBSTANCE OR MIXTURE

Pictogram



Signal Word **Warning**

### Hazard Statements

H316	Causes skin irritation
H320	Causes eye irritation
H335	May cause respiratory irritation.

### Precautionary Phrases

P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352	IF ON SKIN: wash with plenty of soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing before reuse.

**POTENTIAL HEALTH EFFECTS:** Inhalation

**EYE CONTACT:** Dust may cause irritation of the eyes.

**SKIN CONTACT:** May cause irritation of the skin.

**INHALATION:** Inhalation of dust may lead to irritation of the respiratory tract.

**INGESTION:** No data

**CHRONIC HEALTH EFFECTS:** None known

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Formula:  $C_6H_3FN_4O_2$

Molecular Weight: 182.11

CHEMICAL NAME	CAS#	%	ACGIH (TWA)	OSHA (PEL)
4-Fluoro-3-Nitrophenyl Azide	28166-06-5	100	Not Established	Not Established

## SECTION 4 FIRST AID MEASURES

**EYE EXPOSURE:** Immediately flush the eyes with copious amounts of water (lukewarm if possible) for several minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate medical attention if redness or irritation persists.

**SKIN EXPOSURE:** Wash affected area with soap and water. Remove contaminated clothes if necessary. Seek medical assistance if irritation or redness persists.

**INHALATION:** Remove victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.

**INGESTION:** Do not induce vomiting. Seek medical advice.

## SECTION 5 FIREFIGHTING MEASURES

**FLASH POINT:** Not applicable

**AUTO IGNITION TEMPERATURE:** Not applicable

**EXPLOSION LIMITS:** Not applicable

**EXTINGUISHING MEDIUM:** material is not combustible. Use media suitable for other materials in area.

**SPECIAL FIRE FIGHTING PROCEDURES:** If this product is involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.

**HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS:** None known

**UNUSUAL FIRE OR EXPLOSION HAZARDS:** None known

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Avoid raising dust.

**ENVIRONMENTAL PRECAUTIONS:** Dispose of in accordance with all waste disposal regulations.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** In the case of a spill, vacuum or sweep up and place in a well-marked container for disposal.

## SECTION 7 HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Protect from light. Moisture and air sensitive.

**CONDITIONS FOR SAFE STORAGE:** Refrigerate.

## SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

**EYE PROTECTION:** Always wear approved safety glasses with side shields, safety goggles, and face shield when handling a chemical substance in the laboratory.

**SKIN PROTECTION:** Wear appropriate chemical resistant gloves.

**VENTILATION:** Local exhaust.

**RESPIRATOR:** If ventilation is not available, a respirator should be worn. The use of respirators requires a Respirator Protection Program to be in compliance with 29CFR 1910.34.

**ADDITIONAL PROTECTION:** Use in a controlled environment. Avoid inhalation of dust. Avoid contact with skin and eyes. Use with adequate ventilation and protection when handling.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**COLOR AND FORM:** Orange powder or needles  
**MOLECULAR WEIGHT:** 182.11  
**MELTING POINT:** 54-56  
**SPECIFIC GRAVITY:** No data  
**BOILING POINT:** No data  
**VAPOR DENSITY (AIR=1):** No data  
**VAPOR PRESSURE:** Not applicable  
**% VOLATILE BY VOLUME:** Non volatile  
**SOLUBILITY IN WATER:** No data

## SECTION 10 STABILITY AND REACTIVITY

**STABILITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will not occur  
**CONDITIONS TO AVOID:** Moisture and air sensitive; Light sensitive  
**INCOMPATIBILITY:** Strong acids, oxidizers  
**DECOMPOSITION PRODUCTS:** No data

## SECTION 11 TOXICOLOGICAL DATA

**CARCINOGENIC EFFECTS:** No data  
**MUTAGENIC EFFECTS:** No data  
**TETRATOGENIC EFFECTS:** No data

To the best of our knowledge the toxicological effects of this compound have not been fully investigated.

## SECTION 12 ECOLOGICAL DATA

Do not allow material to be released to the environment without proper governmental permits

## SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in according to local state and federal regulations.

## SECTION 14 TRANSPORTATION DATA

Non-hazardous material

## SECTION 15 REGULATORY INFORMATION

**TSCA:** Not listed  
**SARA (TITLE 313):** None  
**RCRA:** Not considered a hazardous waste.

## SECTION 16 OTHER INFORMATION

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**DATE PREPARED:** 11/13