

# MATERIAL SAFETY DATA SHEET



Conforms to 93/112/EC and ISO 11014-1

## 1. Chemical Product and Company Identification

**Product Name:** Amido Black 10B

**Product Number:** HS-601

### Chemical Names/

#### Description:

Naphthol Blue Black; Color Index No. 20470

### Manufacturer

National Diagnostics  
305 Patton Drive  
Atlanta, GA 30336

### Telephone Numbers

(800) 526-3867  
(404) 699-2121

### Emergency Numbers

#### Chemtrec

**(800) 424-9300 (U.S. & Canada)**  
**01-703-527-3887 (outside U.S. & Canada)**

## 2. Composition/Information on Ingredients

Component	% Comp.	CAS #	EINECS #	TLV (Units)
Amido Black		1064-48-8		10 mg/m3

## 3. Hazards Identification

### Appearance and Odor

Red to black crystalline solid.

#### EMERGENCY OVERVIEW - IMMEDIATE HAZARD

CAUTION! MAY BE HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE IRRITATION SKIN, EYES, AND RESPIRATORY TRACT. THE TOXICOLOGICAL PROPERTIES OF THIS SUBSTANCE HAVE NOT BEEN FULLY INVESTIGATED.

#### EMERGENCY OVERVIEW - CHRONIC HAZARD WARNING:

CHRONIC HAZARDS ARE NOT DETERMINED. THE TOXICOLOGICAL PROPERTIES OF THIS SUBSTANCE HAVE NOT BEEN FULLY INVESTIGATED.

### Potential Health Effects

#### Inhalation

May cause irritation to the respiratory tract.

#### Ingestion

Large oral doses may cause irritation to the gastrointestinal tract. Warning: The toxicological properties

of this substance have not been fully investigated.

**Skin**

May cause irritation to the skin.

**Eyes**

May cause irritation to the eyes.

**Signs and Symptoms of Overexposure**

**Inhalation**

Coughing and shortness of breath.

**Ingestion**

Effects not determined.

**Skin**

Redness and pain.

**Eyes**

Redness and pain.

**Carcinogenicity**

Not listed as a known or anticipated carcinogen by NTP or IARC.

**Mutagenicity**

No information found. The toxicological properties of this substance have not been fully investigated.

**Reproductive Toxicity**

No information found. The toxicological properties of this substance have not been fully investigated.

**Teratogenic Effects**

No information found. The toxicological properties of this substance have not been fully investigated.

**Routes of Entry**

No information found.

**Target Organ Statement**

No information found. The toxicological properties of this substance have not been fully investigated.

**4. First Aid Measures**

**Inhalation**

Remove to fresh air. Get medical attention for any breathing difficulty.

**Ingestion**

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Call a physician.

**Skin**

Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

**Eyes**

Immediately flush eyes with plenty of water for at least fifteen minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

**5. Fire Fighting Measures**

Flash Point	N.A.	Flammable Limits	N.A.
Flash Point Method	N.A.	Autoignition temperature	N.A.

**Extinguishing media**

Water spray, dry chemical, alcohol-resistant foam, or carbon dioxide.

### **Protective Equipment**

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

### **Hazardous Combustion Products**

Hydrogen chloride, carbon monoxide, oxides of nitrogen, oxides of sulfur, irritating and toxic fumes and gases, carbon dioxide.

### **Unusual Fire and Explosion Hazards**

Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

NFPA Codes: Health 1 Flammability 0 Reactivity 0

## **6. Accidental Release Measures**

### **Steps to be taken in case material is released or spilled**

Remove all sources of ignition. Ventilate area. Clean up in a manner that does not disperse dust. Use non-sparking tools and equipment. Reduce airborne dust by moistening with water. Pick up for recovery or disposal and place in a closed container.

### **Waste Disposal Method**

Disposal must be made in accordance with applicable federal, state, and local regulations.

### **Personal Precautions**

Wear appropriate protective equipment as specified in section 8.

## **7. Handling and Storage**

### **Handling**

Avoid contact and inhalation. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

### **Storage**

Keep in a tightly closed container, stored in a cooled, dry, ventilated area away from sources of heat or ignition. Protect from physical damage. Isolate from incompatible materials (section 10).

### **Storage Temperature**

room temperature

### **Disposal**

Observe all national, state, and local regulations regarding disposal.

## **8. Exposure Controls/Personal Protection**

### **Airborne Exposure Limits**

Component: Amido Black

ACGIH Threshold Limit Value (TLV): 10 mg/m<sup>3</sup>

OSHA Permissible Exposure Limit

(PEL):

### **Engineering Controls**

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborn Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source.

### **Respiratory Protection**

For conditions of use where exposure to the dust or mist is apparent, a full-face dust/mist respirator

may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator.

### Eye Protection

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

### Skin Protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

### Other Control Measures

N.A.

## 9. Physical Properties

<b>Boiling point</b>	No Data	<b>Evaporation Rate</b>	No Data
<b>Melting point</b>	No Data	<b>Solubility in water</b>	moderate
<b>Vapor pressure (mmHg)</b>	No Data	<b>pH</b>	No Data
<b>Vapor density (Air = 1)</b>	No Data	<b>Specific gravity (H<sub>2</sub>O = 1)</b>	No Data
<b>% volatile by volume</b>	No Data		

## 10. Stability and Reactivity

### Stability

Stable under ordinary conditions of use and storage.

### Conditions to Avoid

Heat, flames, ignition sources, and incompatibles.

### Hazardous Decomposition Products

Oxides of nitrogen, oxides of sulfur, carbon monoxide, carbon dioxide.

### Hazardous Polymerization

Will not occur

### Incompatibles

Amido Black:

Strong oxidizers.

## 11. Toxicological Information

### Product LD50 Values

Amido Black 10B	Oral Rat LD50 (mg/kg):	No Data
Amido Black 10B	Dermal Rabbit LD50 (mg/kg):	No Data

### Component Cancer List Status

	NTP Carcinogen		IARC Category
	Known	Anticipated	
Amido Black	No	No	None

## 12. Ecological Information

### Amido Black

No information found.

## 13. Disposal Considerations

Observe all national, state, and local regulations regarding disposal.

## 14. Transport Information

### D.O.T.

Proper Shipping Name: Not Regulated

Hazard Class: N.A.

UN Number: N.A.

Packing Group: N.A.

### I.A.T.A.

Proper Shipping Name: Not Regulated

Hazard Class: N.A.

UN Number: N.A.

Packing Group: N.A.

### I.M.O.

Proper Shipping Name: Not Regulated

Hazard Class: N.A.

UN Number: N.A.

Packing Group: N.A.

## 15. Regulatory Information

### United States

#### TSCA Regulatory Statement

All intentional ingredients are listed on the TSCA Inventory.

#### SARA 311/312 Hazard Categories

Component	Fire	Pressure	Reactivity	Acute	Chronic
Amido Black	No	No	No	Yes	No

### Europe

#### EEC Regulatory

All intentional ingredients are listed on the European EINECS Inventory.

## 16. Other Information

**NFPA Codes:** Health 1 Flammability 0 Reactivity 0

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