



UNISOURCE CHEMICALS PRIVATE LIMITED

Factory : L-15 MIDC TARAPUR, BOISAR - 401506 DIST. THANE

Tel.: 2205 2250; 2205 0713; Fax: ++91-22-22019990 ;

E-mail: unisourceindia@gmail.com; Web: www.ucplchem.com

AMIDO BLACK 10B

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION:

Synonyms: C.I. 20470; Naphthol blue black; Amido Schwartz; Acid Black 1.

CAS No.: 1064-48-8.

Molecular Weight: 616.50.

Chemical Formula: C₂₂H₁₄N₆O₉S₂Na₂.

2. COMPOSITION / INFORMATION ON INGREDIENTS:

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Percent</u>	<u>Hazardous</u>
C.I. Acid Black 1	1064-48-8	100.0%	No.

3. HAZARDS IDENTIFICATION:

Emergency Overview

Appearance: black solid. The toxicological properties of this material have not been fully investigated. **WARNING!** Causes eye and skin irritation. May cause digestive tract irritation. Causes respiratory tract irritation. Irritant.

Target Organs: No data found.

Potential Health Effects

Eye: Causes eye irritation. May cause chemical conjunctivitis.

Skin: Causes skin irritation.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Inhalation: Causes respiratory tract irritation. Can produce delayed pulmonary edema.

Chronic: Effects may be delayed.

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 immediately.

Skin: Get medical aid. Wash clothing before reuse. Flush skin with plenty of soap and water.

Ingestion: **Never** give anything by mouth to an unconscious person. Get medical aid. **Do not** induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation: Remove from exposure 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.

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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Flash Point: Not applicable.

Autoignition Temperature: Not applicable.

Explosion Limits, Lower: Not available.

Upper: Not available.

NFPA Rating: (Estimated) Health: 1; Flammability: 0; Instability: 0.

6. ACCIDENTAL RELEASE MEASURES:

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

Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment Section. Sweep up, then place into a suitable container for disposal. Avoid generating dusty conditions. Provide ventilation.

7. HANDLING AND STORAGE:

Handling: Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid contact with eyes. Keep container tightly closed. Avoid ingestion and inhalation. Wash clothing before reuse.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. EXPOSURE CONTROLS / 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:

Chemical Name: C.I. Acid Black 1.

ACGIH: None listed.

NIOSH: None listed.

OSHA -Final PELs: None listed.

OSHA Vacated PELs: C.I. Acid Black: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eye: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Dark-brown to black powder.

Odor: Not available.

pH: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate: Not available.

Viscosity: Not available.

Boiling Point: Not available.

Freezing/Melting Point: Not available.

Decomposition Temperature: Not available.

Solubility: Soluble in methyl Cellosolve, slightly soluble in ethanol and acetone.

Specific Gravity/Density: Not available.
Molecular Formula: C₂₂H₁₄N₆O₉S₂Na₂.
Molecular Weight: 616.50.

10. STABILITY AND REACTIVITY:

Chemical Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Conditions to Avoid: Incompatible materials, none reported, excess heat.

Incompatibilities with Other Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Oxides of nitrogen, oxides of sulfur, irritating and toxic fumes and gases.

Hazardous Polymerization: Has not been reported.

11. TOXICOLOGICAL INFORMATION:

RTECS#:

CAS# 1064-48-8: QJ6196000.

LD50/LC50: Not available.

Carcinogenicity: CAS# 1064-48-8: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology: No information available.

Teratogenicity: No information available.

Reproductive Effects: No information available.

Neurotoxicity: No information available.

Mutagenicity: No information available.

Other Studies: No data available.

12. ECOLOGICAL INFORMATION:

No information available.

13. DISPOSAL CONSIDERATIONS:

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3.

Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

14. TRANSPORT REGULATIONS:

No information available.

15. REGULATORY INFORMATION:

US FEDERAL

TSCA

CAS# 1064-48-8 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

SARA

Section 302(RQ)

None of the chemicals in this material have an RQ.

Section 302 (TPQ)

None of the chemicals in this product have a TPQ.

Section 313

No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 1064-48-8 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

EUROPEAN/INTERNATIONAL REGULATIONS

European Labeling in Accordance with EC Directives

Hazard Symbols: XN.

Risk Phrases:

R 20/21 Harmful by inhalation and in contact with skin.

R 33 Danger of cumulative effects.

Safety Phrases:

S 37 Wear suitable gloves.

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

WGK (Water Danger/Protection)

CAS# 1064-48-8 is listed on Canada's DSL List

Canada - DSL/NDSL

CAS# 1064-48-8 is listed on Canada's DSL List.

Canada - WHMIS

This product has a WHMIS classification of D2B.

Canadian Ingredient Disclosure List

Exposure Limits

16. DISCLAIMER INFORMATION:

DISCLAIMER:

UNISOURCE CHEMICALS 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. **UNISOURCE CHEMICALS PVT. LTD.** makes no representations or warranties, either express or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or to the product to which the information refers. Accordingly, **UNISOURCE CHEMICALS PVT. LTD.** will not be responsible for damages resulting from the use of or reliance upon this information.
