

1. Identification

Product identifier: Aqua-Color, Black

Other means of identification: N/A

Recommended use: Coloring Aqua-Resin mixes

Restrictions on use: None known

Supplier's details: Aqua-Resin, 16 Greene Street, New York, NY 10013. Telephone: 212.226.1208

Emergency telephone number: 212.226.1208

2. Hazards Identification

Classification:

Mild skin irritation, Category 3

Eye irritation, Category 2

3. Composition/information on ingredients

Mixture:

Chemical identity: CAS Number: 1333-86-4

Chemical name: Pigment Black 7

Chemical identity: CAS Number: 7732-18-5

Chemical name: Water

Remaining components are non-hazardous or present in amounts below reportable limits.

4. First aid measures

Inhalation: Remove to fresh air. Get medical attention if breathing is difficult.

Skin contact: Wash skin with soap and water. Remove severely contaminated clothing and clean before reuse. Seek medical attention in the unlikely event that irritation occurs.

Eye contact: Flush eyes thoroughly with large amounts of water for at least fifteen minutes. Get medical attention.

Ingestion: Do not give anything by mouth to an unconscious person. Do not induce vomiting. Get immediate medical attention.

5. Firefighting measures

Suitable extinguishing media: Water spray, foam, carbon dioxide or dry chemical.

Unsuitable extinguishing media: None known

Specific hazards: In the unlikely event that all of the water is evaporated, improper handling of any dry organic pigment may lead to dust cloud formation which can be an explosion hazard.

Unusual fire and explosion hazard: Fire or excessive heat may produce hazardous decomposition products.

Special protective equipment and precaution for fire fighters: Wear self-contained breathing apparatus and protective clothing.

Please note: This is a water-based material and ignition is highly unlikely

6. Accidental release measures

Personal precautions: Common sense precautions should apply.

Protective equipment: Eye protection and impervious gloves should be worn.

Environmental precautions: Do not flush into public sewer, water systems or surface waters.

Methods and materials for containment and cleaning up: Contain and absorb with inert material. Ensure adequate ventilation.

7. Handling and storage

Precautions for safe handling: Avoid employee exposure through the use of appropriate engineering controls, adequate personal protective equipment, and good industrial hygiene practices. Wash hands thoroughly after handling. Handle in well ventilated work space.

Conditions for safe storage, including incompatibilities: Store in a moderate cool, dry, well-ventilated area away from direct sources of heat. Avoid freezing (32°F). Empty containers may contain product residues and should be handled accordingly. Keep containers closed. No known incompatibilities

8. Exposure controls/personal protection

Occupational exposure limits:

Chemical name: Pigment Black 7

ACGIH-TWA: 3.00mg/m³

ACGIH-STEL: N/E

OSHA-PEL: 3.50mg/m³

OSHA-STEL: N/E

OSHA-Ceiling: N/E

Appropriate engineering controls: Local exhaust. The need for additional controls is not anticipated.

Individual protection measures such as personal protective equipment: Safety glasses, impervious gloves. Respiratory protection is generally not required.

9. Physical and chemical properties

Appearance: Viscous black liquid

Odor: Mild

Odor Threshold: N/A

pH: N/A

Melting point/Freezing point: 32°F

Initial boiling point and boiling range: N/A

Flash point: N/A

Evaporation rate: Slower than n-butyl acetate

Flammability (solid, gas): N/A

Upper/lower flammability or explosive limits: N/A

Vapor pressure: N/A

Vapor density: Heavier than air

Relative density: 1.1-1.3

Solubility: N/A

Solubility in H₂O: Miscible
Partition coefficient: n-octanol/water: N/A
Auto-ignition temperature: N/A
Decomposition temperature: N/A

10. Stability and reactivity

Chemical stability: Stable
Possibility of hazardous reactions: None known
Conditions to avoid: Strong oxidizers
Incompatible materials: None known
Hazardous decomposition products: Oxides of carbon and nitrogen

11. Toxicological information

Likely routes of exposure:

Acute effects:

Inhalation: Excessive exposure may cause headache and dizziness

Ingestion: May cause gastric irritation

Skin: May cause mild irritation, Category 3

Eye: May cause irritation, Category 2

Chronic effects:

None known. This product is in compliance with LHAMA* and as such has been evaluated by an independent toxicologist and shown to have no chronic toxicity.

Numerical measures of toxicity (acute toxicity estimates):

Pigment Black 7 is listed by IARC as a Group 2B carcinogen, “possibly carcinogenic to humans”. This classification was based on both animal studies and human epidemiological evidence where large amounts of Pigment Black 7 dust were inhaled over long periods of time. This product Aqua Color Black is however a water borne paste and therefore will not present itself as Pigment Black 7 dust. For this reason, and because the actual quantities of material in its anticipated use are so small, any cancer risk associated with this product should be considered nil.

12. Ecological Information

Eco-toxicity: No information available

Persistence and degradability: No information available

Bio-accumulative potential: No information available

Mobility in soil: No information available

Other adverse effects: No information available

13. Disposal considerations

General: This product must be disposed of in accordance with all applicable federal, state and local regulations.

Waste disposal: Incineration or landfill recommended. Contact your state or local environmental agency for specific rules for both waste and containers.

14. Transport information

UN Number: N/A
UN Proper shipping name: Not regulated
Transport Hazard class(es): Not regulated
Marine Pollutant (Yes/No): Unknown
Special precautions: None

15. Regulatory information

OSHA STATUS: Product not tested. It is not considered to be toxic per 29CFR1910.1200 but is considered to be a skin/eye irritant.
USA TSCA STATUS: All of the ingredients of this material have been reported to the U.S. EPA and are included in the TSCA Chemical Inventory.
CERCLA Reportable Quantity (RQ): None (Not regulated)
SARA Title III:
Section 302 (EHS): None
Section 311/312 (Acute): None
Section 313: None
RCRA: Not regulated as a hazardous waste under RCRA.
CANADIAN WHMIS: This material is not considered to be a controlled product under WHMIS.

16. Other information

Precautionary Labeling:	HMIS	NFPA
Health	1	1
Flammability	0	0
Reactivity	0	0
Other	-	N/A

Rating Scale:
0 = Minimal Hazard, 1 = Slight Hazard, 2 = Moderate Hazard, 3 = Serious Hazard, 4 = Extreme Hazard

Abbreviations and Acronyms:
HMIS: Hazardous Materials Identification System
NFPA: National Fire Protection Association
IARC: International Agency for Research on Cancer
***LHAMA:** Labeling of Hazardous Art Materials Act
N/A: NOT APPLICABLE
N/E: NONE ESTABLISHED

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