

**PRODUCT AND COMPANY IDENTIFICATION**

**Product/Trade Name:** eXIA<sup>TM</sup>160  
**Catalog Number:** eXIA160-01  
**Date Prepared:** January 2007  
**Revision Date:** November 2013  
**Unit Size:** 2-mL vial containing 2.0 mL of the material  
**Manufacturer/Supplier:** BINITIO BIOMEDICAL, INC.  
 275 Slater Street, Suite 900, Ottawa, ON K1P 5H9, CANADA  
 Fax: 1-866-746-4815  
 Web: <http://www.binitio.com> Email: [info@binitio.com](mailto:info@binitio.com)

**COMPOSITION / INFORMATION ON COMPONENTS**

**Unit Size:** 2.0 mL  
**Chemical Name:** Iodized colloidal polydisperse contrast material  
**Chemical Formula:** Not Available  
**IUPAC Name:** Not Available  
**CAS Numbers:** Not Determined

**HAZARDS IDENTIFICATION**

Paints, Preservatives, and Solvents	%	TLV (Units)
Pigments	0	
Catalyst	0	
Vehicle	0	
Solvents	0	
Additives	0	
Others	0	

Alloys and Metallic Coating	%	TLV (Units)
Base Metal	0	
Alloys	0	
Metallic Coatings	0	
Filler Metal Plus Coating or Core Flux	0	
Others	0	

**Hazardous Mixtures or other Liquids, Solids, or Gases**  
 None

**PHYSICAL DATA AND CHEMICAL PROPERTIES**

Form	Liquid
Appearance and Odor	White to faintly yellow; Not determined
Solubility in Water	Soluble
Boiling Point	125° C
Vapor Pressure	0.142 mmHg at 20° C
Vapor Density	N/R
Specific Gravity	1,050
Evaporation Rate	Approximately to Water
pH	6.5 – 8.5

**FIRE AND EXPLOSION HAZARD DATA**

Flash Point (method Used)	178° C
Extinguishing Media	Use Dry Chemical powder or foam extinguisher
Special Fire Fighting Procedures	Respiratory mask required because of iodine vapors
Unusual Fire and Explosion Hazards	None

**HEALTH HAZARD DATA**

Routes of Entry	Exposure may occur via contact with skin/eyes, inhalation of aerosols, and accidental ingestion. Contact with skin is not dangerous, as it is not readily absorbed into the skin.
Threshold Limit Value	The product is not known to be toxic.
Conditions Aggravated by Exposure	May cause allergic reaction in sensitized to iodine subjects.

**FIRST AID MEASURES**

Eye Exposure	Flush eyes with water. Get medical attention if irritation or signs of exposure are noted.
Skin Exposure	Remove clothing if contaminated. Wash with water and soap. Get medical attention if irritation or signs of exposure are noted.
Ingestion	In case of ingestion, flush mouth with water. Seek medical attention if necessary.
Injection	In case of accidental injection, wash and disinfect area. Seek medical attention if necessary.
Inhalation	If difficulty with breathing, seek medical attention immediately. When appropriate and trained in CPR, provide artificial respiration.

**TOXICOLOGICAL INFORMATION**

RTECS Number	None known
ORL mouse	no reaction with 6 mL/kg
IPR mouse	Not Determined
IV mouse	Not Determined

**STABILITY AND REACTIVITY DATA**

Conditions to avoid	Keep protected from light and heat
Hazardous Decomposition	Iodine vapors release when exposed to 175° C
Hazardous Polymerization	Hazardous polymerization will not occur
Dangerous Reactions	No dangerous reactions identified

**ECOLOGICAL INFORMATION**

Handle in manner to prevent spills or releases to the environment

**DISPOSAL CONSIDERATIONS**

Consult local regulations for proper disposal

**TRANSPORT INFORMATION**

Iodized colloidal polydisperse contrast material is not a DOT hazardous material

**OTHER INFORMATION**

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