



# MEDISCA PHARMACEUTIQUE INC.

6090 Henri Bourassa, Ville St.-Laurent, Quebec, H4R 3A6

Tel.: (514) 333-7811 / Fax: (514) 338-1693

## Material Safety Data Sheet

### I - Product Identification:

**Product Name:**

**Iopanoic Acid**

**Empirical Formula:**

$C_{11}H_{12}I_3NO_2$

**Chemical Names:**

Benzenepropanoic acid, 3-amino- -ethyl-2,4,6-triiodo-, ( $\pm$ )- ; ( $\pm$ )-3-Amino- -ethyl-2,4,6-triiodohydrocinnamic acid ; 3-Amino- -ethyl-2,4,6-triiodobenzenepropanoic acid.  
Diagnostic aid (radiopaque medium-cholecystographic)

**Uses:**

**Code:** 2312

**CAS#:** 96-83-3

### II - Toxicological Information:

**Irritancy:**

May cause irritation.

**Adverse Effects:**

Harmful if absorbed through the skin or inhaled.

**Toxicity Data:**

**Oral:**

Rat: LD50: 1540mg/kg

Mouse: LD50: 6600mg/kg

**Intraperitoneal:**

Rat: LD50: 1520mg/kg

Mouse: LD50: 1230mg/kg

**Intravenous:**

Rat: LD50: 280mg/kg

Mouse: LD50: 320mg/kg

### III - Physical Data:

**Physical State:**

Liquid ☐ Solid ☒ Gas ☐

**Description:**

White or light red powder.

**Solubility:**

Insoluble in water; soluble in alcohol, in chloroform and in ether; soluble in solutions of alkali hydroxides and carbonates.

**Other Physical Properties:**

mw: 570.9

### IV - Fire and Explosion Hazards:

**Flammability:**

N/A

**Flash Point:**

N/A

**Extinguishing Media:**

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

**Fire-Fighting:**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### V - Reactivity Data:

**Stability:**

Stable.

**Incompatibilities:**

N/A

**Hazardous Decomp. Products:**

Carbon monoxide, carbon dioxide, nitrogen oxides.

**Hazardous Polymerization:**

Will not occur.

### VI - Preventive Measures:

**Preventive Measures:**

Do not breathe dust. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling.

**Personal Protective Equipment:**

Government approved respirator, compatible chemical-resistant gloves and chemical safety goggles.

**Specific Engineering Controls:**

Mechanical exhaust required.

**Spills and Leaks:**

Wear protective clothing. Sweep up, place in a bag and hold for disposal. Avoid raising dust. Ventilate area and wash spill site after material pick up is complete.

**Waste Disposal:**

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

**Storage:**

Preserve in tight, light resistant containers.

### VII - First Aid Measures:

**Eyes:**

Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers. Call a physician.

**Skin:**

Flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes.

**Ingestion:**

Wash out mouth with water. Call a physician.

**Inhalation:**

Remove to fresh air. If breathing becomes difficult, call a physician.

**NOTE:** If victim is unconscious, never induce vomiting nor give liquids. Place victim in a stable side position and keep warm.

**Ecological Data:**

N/A

**IOPANOIC ACID**

**DECEMBER 2007**



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***Hazardous Ingredients:***

N/A

***References:***

Available on request.