

Gil Io-Poult

October 14, 2019

Section 1: IDENTIFICATION

Product name **Gil Io-Poult**

Other names n/a

Recommended use/restrictions **cleaning****Use only as recommended on label or tech sheet.**

Distributor/manufacturer

**Gilmer Industries, Inc.**

560 Stone Spring Road PO Box 1247
 Harrisonburg, VA 22801 Harrisonburg, VA 22803
 540.434.0130 (info) 540.434.8877 (sales)
 Open Monday-Friday, 8am–5pm Eastern time zone

EMERGENCY TELEPHONE NUMBER (24-hours daily) **CHEMTREC 1.800.424.9300**

Section 2: HAZARDS IDENTIFICATION

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazard classification

SKIN CORROSION/IRRITATION, Category 2
EYE DAMAGE/IRRITATION, Category 1
CORROSIVE TO METALS, Category 1



EMERGENCY OVERVIEW

Dark brown liquid with mild iodine odor

DANGER

Causes skin irritation and serious eye damage
 May be corrosive to metals

This material is harmful to aquatic life.

PRECAUTIONARY STATEMENTS

Prevention

Wash hands thoroughly after handling.
Wear rubber, nitrile, neoprene or other impervious gloves.
Wear chemical splash goggles.
Keep only in original container.

Response

If on skin: Wash skin with plenty water and soap.
Take off contaminated clothing, and wash it before reuse.
If skin irritation occurs: Get medical advice.
If in eyes: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a doctor.

Absorb spillage to prevent material damage.

Storage

Store in corrosive resistant container with a resistant inner liner in a cool, dry, well-ventilated area.

Disposal

Dispose of in accordance with federal, state and local regulations.

Hazards not otherwise classified n/a

Ingredient of unknown acute toxicity n/a

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient

% by wt.

CAS number

Synonyms

iodine*

1.8-1.9

7553-56-2

*From alkyl alcohol ethoxylated iodine complex (as iodophor)

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Section 4: FIRST AID MEASURES

Inhalation	Remove to fresh air. Call a physician.
Eye contact	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.
Skin contact	If on skin: Wash skin with plenty water and soap. Take off contaminated clothing, and wash it before reuse. If skin irritation occurs: Get medical advice.
Ingestion	Do not induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

SYMPTOMS/ EFFECTS

Inhalation	Mist can cause irritation to upper respiratory tract
Eye contact	pain, burning / Causes serious eye damage
Skin contact	pain, redness / Causes skin irritation
Ingestion	Can cause irritation to mucous membranes

Note to Physicians n/a

Section 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media **no restrictions**

Specific hazards arising from the chemical n/a

Hazardous thermal decomposition products **iodine vapors, phosphorous oxides**

Special protective equipment for fire-fighters n/a

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: **Put on appropriate protective equipment** (see Section 8).Environmental precautions: **Avoid contact of spilled material and runoff with soil and surface waterways.**Methods for clean-up: **Contain spill. Absorb with absorbent material, put into appropriate labeled and sealed container, and deposit in an approved landfill; or flush with large quantities of water to drain if allowed by all appropriate regulations.**

Section 7: HANDLING AND STORAGE

Handling **Wear protective equipment. Wash thoroughly after handling. Keep container tightly closed when not in use.**Storage **Store in corrosive resistant container with a resistant inner liner a cool, dry, well-ventilated area.**

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES **alkyl alcohol ethoxylated iodine complex**ACGIH TLV: **none established**OSHA PEL: **none established****iodine**ACGIH TLV-TWA: **0.01ppm [hypothyroidism, URT irr]**TLV-STEL: **0.1ppm [hypothyroidism, URT irr]**OSHA PEL, C: **0.1ppm (1mg/m³)**NIOSH REL, CEIL: **0.1ppm (1mg/m³)**

ENGINEERING CONTROLS n/a

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PERSONAL PROTECTION

Eye **Wear chemical splash goggles.**

Skin **Wear impervious gloves, a synthetic apron and other protective equipment to prevent contact.**

Respiratory **None needed under normal and intended conditions of use.**

Hygiene measures **Wash after handling. Do not eat, drink, or smoke in work areas.**

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Physical state **liquid** Color **dark brown**

Odor **mild iodine** Odor threshold **n/a** pH **n/a**

Melting point/freezing point **n/a** Boiling point/range **213 °F** Flash point **n/a**

Evaporation rate **n/a** Upper/lower flammability or explosive limits **n/a**

Vapor pressure **n/a** Vapor density **n/a** Relative density **1.05 (water=1)**

Solubility **complete (water)** Partition coefficient: n-octanol/water **n/a**

Auto-ignition temperature **n/a** Decomposition temperature **n/a** Viscosity **n/a**

Section 10: STABILITY AND REACTIVITY

Reactivity **n/a**

Chemical stability **stable at normal temperatures and pressures**

Possibility of hazardous reactions **n/a**

Conditions to avoid **n/a**

Incompatible materials **reducing agents, alkalis, strong oxidizers, chlorinated products**

Hazardous decomposition products **n/a**

Section 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure: **skin and eye contact**

SYMPTOMS

eye contact **pain, watering, redness** skin contact **pain, watering, redness**
 inhalation **irritation** ingestion **irritation**

ACUTE TOXICITY

Eye contact **Causes serious eye irritation**

Skin contact **Causes skin irritation**

Inhalation **Mist can cause irritation to upper respiratory tract**

Ingestion **Can cause irritation to mucous membranes**

CHRONIC TOXICITY **n/a**

TOXICITY DATA **iodine** oral LD₅₀ **22gm/kg mouse**
 oral LD₅₀ **1000mg/kg mouse**
 oral LD₅₀ **10mg/kg rabbit**
 oral LD₅₀ **14gm/kg rat**

Teratogenicity: **There are many reported cases of women taking iodine-containing drugs during pregnancy and having newborns with congenital goiter, a potentially life-threatening condition for the fetus or infant.**

Reproductive Effects: **Reproductive effects have been reported in animals.**

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National Toxicology Program Report on Carcinogens (NTP) **not listed**

International Agency for Research on Cancer Monographs (IARC) **not listed**

OSHA (carcinogens) **not listed**

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity **harmful to aquatic life**

Section 13: DISPOSAL CONSIDERATIONS

Disposal **Dispose of in accordance with federal, state and local regulations.**

RCRA class **not listed**

Section 14: TRANSPORT INFORMATION

US DOT shipping description **unregulated**

Section 15: REGULATORY INFORMATION

TSCA **All components are listed or exempt.** SARA III 313, Form R **no listed substance**

Section 16: OTHER INFORMATION

HMIS (health **2**, flammability **0**, reactivity **0**); **NFPA** (health **2**, flammability **0**, reactivity **0**)

Abbreviations: **ACGIH** American Conference of Governmental Industrial Hygienists, Inc.
n/a no applicable information available
NIOSH National Institute for Occupational Safety and Health
OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
REL Recommended Exposure Limit
SARA Superfund Amendments and Reauthorization Act
STEL Short Term Exposure Limit
TLV Threshold Limit Value
TSCA Toxic Substance Control Act
TWA Time Weighted Average
URT Upper Respiratory Tract

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