

I2Pure Corporation

SAFETY DATA SHEET

Creation Date 28-May-2020

1. IDENTIFICATION

Product Name I2Pure™
Synonyms None
Recommended Use Broad Spectrum Antimicrobial hand lotion

Details of the supplier of the safety data sheet

Company

I2Pure Corporation
12110 Sunset Hills Road
Suite 600
Reston, VA 20190
Tel: 807.833.3838

Emergency Telephone Number

CHEMTREC®, Inside the USA:
800-424-9300
CHEMTREC®, Outside the USA:
001-703-527-3887

2. HAZARDS IDENTIFICATION

Classification

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use. I2Pure contains glycerin and iodine as a preservative.

Emergency Overview

Signal Word	Warning
Hazard Statements	Do not ingest
Appearance	Light amber
Physical state	Liquid

Precautionary Statements – Prevention

Eyes: IF IN EYES: Rinse eye with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation continues get medical advice/attention.

Ingestion: Product used as intended is not expected to cause gastrointestinal irritation. Accidental ingestion of undiluted product may cause mild gastrointestinal irritation with nausea, vomiting and diarrhea.

Other Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains >95% glycerin and 0.15% iodine.

4. FIRST AID MEASURES

First Aid Measures

Eye Contact	In case of eye contact, immediately flush eyes with fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. Get medical attention if irritation persists
Skin Contact	If skin irritation occurs discontinue use of lotion
Inhalation	In case of inhalation, remove to fresh air. If not breathing, provide artificial respiration. If breathing is difficult, administer oxygen. Seek medical attention immediately
Ingestion	In case of accidental ingestion, wash out mouth with copious amounts of water. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person
Self-protection of the first aider	Do not use mouth-to-mouth if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device

5. FIRST AID MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTIAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Personal precautions	Use personal protection recommended in Section 8.
Environmental precautions	See section 12 for additional Ecological Information.
Methods for containment	Prevent further leakage or spillage.
Methods for cleaning up	Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Advice on safe handling	Avoid contact with eyes or clothing.
Storage conditions	Keep container closed in a dry and well-ventilated place
Incompatible materials	Strong alkalis or reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

For Household Settings: This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseen use.

For Non-Household Settings: Use safety glasses or safety goggle if splash hazards exist; use gloves and other protective clothing. Always follow hygienic work practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

State	Liquid
Appearance	Light amber
Odor threshold	No information available

Properties	
pH	No information available
Boiling point	290 °C
Flash point	189 °C
Evaporation rate	No information available
Flammability	Not applicable
Vapor pressure	0.0025 mmHg @ 50 °C
Vapor density	3.15
Specific gravity	1.26 @ 20 °C
Water solubility	Freely soluble
Solubility in other solvents	No information available
Autoignition temperature	400 °C
Kinematic viscosity	No information available
Explosive properties	Not applicable

10. STABILITY AND REACTIVITY

Reactivity	Reacts with amines, sulphydrals and unsaturated bonds.
Chemical stability	Stable under recommended storage conditions.
Hazardous reactions	No information available.
Conditions to avoid	None known based on available information.
Incompatible materials	Strong alkalis or reducing agents.
Hazardous decomposition products	Will not decompose under conditions of usual handling.

11. TOXICOLIGICAL INFORMATION

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use. Additional information on toxicological endpoints is available from the supplier upon request.

Chronic Effects: Finished product is not expected to have chronic health effects.

Target Organs: The product contains a low level of iodine which is used by the thyroid to make thyroid hormones. No adverse health effects on the thyroid organ is expected for finished product.

Carcinogenicity: Finished product is not expected to be carcinogenic.

NTP: **No** IARC: **No** OSHA: **No**

Acute Toxicity based on Glycerin content

LD50 Oral 12600 mg/kg (Rat)

LD50 Dermal >10 g/kg (Rabbit)

LC50 Inhalation >2.75 mg/L/4h (Rat) (mist)

12. ECOLOGICAL INFORMATION

The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the convention solid waste management practices.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes Disposable should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Do not reuse container.

14. TRANSPORTATION INFORMATION

Finished packaged product transported by ground (DOT): Non hazardous.

Finished packaged product transported by vessel (IMDG): Non hazardous.

Finished packaged product transported by air (IATA): Non hazardous.

15. ADDITIONAL REGULATORY INFORMATION

Regulated as a Cosmetic and/or Drug under FDA, HPB (Canada), Cosmetic Directive (EU), MHW (Japan) and MOH (China).

While finished product is not considered hazardous as defined in 29 CFR 1920.1200 (d), this SDS contains valuable information critical to the safe handling and proper use of the product.

16. OTHER INFORMATION

DISCLAIMER: This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by I2Pure Corporation to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. I2Pure Corporation assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.