

CHAITANYA CHS, 2<sup>nd</sup> FLOOR, OFFICE # 206, SIDDHARTH NAGAR, S.V.ROAD, GOREGAON (W), MUMBAI 400062, MH, INDIA.  
 CONTACT: +9122 28725393 /94/ 95 | EMAILID: CARE@SUVCHEM.COM

## MATERIAL SAFETY DATA SHEET (MSDS)

### GRAM'S IODINE (FOR MICRPSCPPOICAL STANING)

#### 1. Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Trade name : GRAM'S IODINE (FOR MICRPSCPPOICAL STANING)

Product code : G0105100100  
 CAS No: N/A

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use : Industrial. For professional use only.

##### 1.3. Details of the supplier of the safety data sheet

Company identification SUVCHEM  
 Chaitanya Tower, 2nd Floor, Office # 206,  
 Siddharth Nagar, S.V. Road,  
 Goregaon (West), Mumbai - 400062,  
 Maharashtra, India.  
 Contact: +91 22 28725393 / 94 / 95  
 Email ID: info@suvchem.com/care@suvchem.com

##### 1.4. Emergency telephone number

Phone no. : + 91 22 28725393 / 94 / 95 (9:00am - 6:00 pm) [ Office hours ]

#### 2. Hazards identification -DSD

##### 2.1. Classification of the substance or mixture

##### Classification EC 67/548 or EC 1999/45

Not classified.

##### Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Not classified.

##### 2.2. Label elements

##### Labelling EC 67/548 or EC 1999/45

Not classified.

Symbol(s) : None.

R Phrase(s) : None.

S Phrase(s) : None.

Contains : Water - Yoduro potásico - Iodine

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#### 2. Hazards identification -DSD (continued)

##### Labelling Regulation EC 1272/2008 (CLP)

Not classified.

**Contains** : Water - Yoduro potásico - Iodine

##### 2.3. Other hazards

**Other hazards** : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

#### 3. Composition/information on ingredients

**Substance / Preparation** : Preparation.

**Hazardous component(s)** : This product is not hazardous but contains hazardous components.

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
Iodine	: > 0.01 < 1 %	7553-56-2	231-442-4	053-001-00-3	----	Xn; R20/21 N; R50  Acute Tox. 4 (skin) _ H312 Acute Tox. 4 (inhal) _ H332 Aquatic Acute 1 _ H400
Yoduro potásico	: > 0.01 < 1 %	7681-11-0	-----	-----	----	Xn; R22 Xi; R36/38  Acute Tox. 4 (oral) _ H302 Eye irrit. 2 _ H319 Skin Irrit. 2 _ H315
Water	: > 99 %	7732-18-5	231-791-2	-----	----	Not classified (DSD/DPD) Not classified (GHS)

#### 4. First aid measures

##### 4.1. Description of first aid measures

**Inhalation** : Assure fresh air breathing. Allow the victim to rest.

**Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

**Eye contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

**Ingestion** : Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting.

##### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms relating to use** : Not expected to present a significant hazard under anticipated conditions of normal use.

##### 4.3. Indication of any immediate medical attention and special treatment needed

## MATERIAL SAFETY DATA SHEET (MSDS)

### GRAM'S IODINE (FOR MICRPSCPPOICAL STANING)

#### 4. First aid measures (continued)

**General information** : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

#### 5. Fire-fighting measures

##### 5.1. Extinguishing media

**Suitable extinguishing media** : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
**Unsuitable extinguishing media** : Do not use a heavy water stream.  
**Surrounding fires** : Use water spray or fog for cooling exposed containers.

##### 5.2. Special hazards arising from the substance or mixture

**Hazardous combustion products** : Under fire conditions, hazardous fumes will be present.

##### 5.3. Advice for fire-fighters

**Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.  
**Special procedures** : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

#### 6. Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

**For emergency responders** : Equip cleanup crew with proper protection.  
 Ventilate area.  
**For non-emergency personnel** : Evacuate unnecessary personnel.

##### 6.2. Environmental precautions

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

##### 6.3. Methods and material for containment and cleaning up

**Clean up methods** : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

##### 6.4. Reference to other sections

See section 8. Exposure controls/personal protection

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### GRAM'S IODINE (FOR MICRPSCPPPOICAL STANING)

#### 7. Handling and storage

##### 7.1. Precautions for safe handling

- Handling** : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
- Technical protective measures** : Provide good ventilation in process area to prevent formation of vapour.

##### 7.2. Conditions for safe storage, including any incompatibilities

- Storage** : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.
- Storage - away from** : Strong bases. Strong acids. Sources of ignition. Direct sunlight.

##### 7.3. Specific end use(s)

- Specific end use(s)** : None.

#### 8. Exposure controls/personal protection

##### 8.1. Exposure controls

- Personal protection** : Avoid all unnecessary exposure.
- **Respiratory protection** : Wear approved mask.
  - **Hand protection** : Wear protective gloves.
  - **Eye protection** : Chemical goggles or safety glasses.
  - **Others** : When using, do not eat, drink or smoke.

##### 8.2. Control parameters

- Occupational Exposure Limits** : No data available.

#### 9. Physical and chemical properties

##### 9.1. Information on basic physical and chemical properties

- Physical state at 20 °C** : Liquid.
- Colour** : Colorless
- Odour** : Characteristic.
- Odour threshold** : No data available.
- pH value** : No data available.
- Melting point [°C]** : No data available.
- Decomposition point [°C]** : N/A

## MATERIAL SAFETY DATA SHEET (MSDS)

### GRAM'S IODINE (FOR MICRPSCPPPOICAL STANING)

#### 9. Physical and chemical properties (continued)

Critical temperature [°C]	: No data available.
Auto-ignition temperature [°C]	: No data available.
Flammability (solid, gas)	: N/A
Flash point [°C]	: No data available.
Boiling point [°C]	: N/A
Initial boiling point [°C]	: No data available.
Final boiling point [°C]	: No data available.
Evaporation rate	: N/A
Vapour pressure [20°C]	: No data available.
Vapour pressure mm/Hg	: N/A
Vapour density	: N/A
Density [g/cm <sup>3</sup> ]	: 1.005 g/mL at 20 °C
Relative density, gas (air=1)	: N/A
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: N/A
Solubility in water	: No data available.
Log Pow octanol / water at 20°C	: No data available.
Solubility	: N/A
Viscosity at 40°C [mm <sup>2</sup> /s]	: No data available.

#### 9.2. Other information

Explosive properties	: N/A
Explosion limits - upper [%]	: No data available.
Explosion limits - lower [%]	: No data available.
Oxidising properties	: No data available.

#### 10. Stability and reactivity

##### 10.1. Reactivity

Reactivity	: Not established.
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##### 10.2. Chemical stability

Chemical stability	: Stable under recommended storage conditions.
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##### 10.3. Possibility of hazardous reactions

Hazardous reactions	: Not established.
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##### 10.4. Conditions to avoid

## MATERIAL SAFETY DATA SHEET (MSDS)

### GRAM'S IODINE (FOR MICRPSCPPPOICAL STANING)

#### 10. Stability and reactivity (continued)

**Conditions to avoid** : Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

**Materials to avoid** : Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** : Fumes. Carbon monoxide. Carbon dioxide.

#### 11. Toxicological information

##### 11.1. Information on toxicological effects

**Toxicity information** : The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

##### **Acute toxicity**

- **Inhalation** : Based on available data, the classification criteria are not met.
- **Dermal** : Based on available data, the classification criteria are not met.
- **Ingestion** : Based on available data, the classification criteria are not met.

**Corrosion** : Based on available data, the classification criteria are not met.

**Irritation** : Based on available data, the classification criteria are not met.

**Sensitization** : Based on available data, the classification criteria are not met.

**Mutagenicity** : Based on available data, the classification criteria are not met.

**Carcinogenicity** : Based on available data, the classification criteria are not met.

**Toxic for reproduction** : Based on available data, the classification criteria are not met.

**STOT-single exposure** : Based on available data, the classification criteria are not met.

**STOT-repeated exposure** : Based on available data, the classification criteria are not met.

**Aspiration hazard** : Based on available data, the classification criteria are not met.

#### 12. Ecological information

##### 12.1. Toxicity

**Toxicity information** : The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

##### 12.2. Persistence - degradability

**Persistence - degradability** : Biodegradable.

##### 12.3. Bioaccumulative potential

## MATERIAL SAFETY DATA SHEET (MSDS)

### GRAM'S IODINE (FOR MICRPSCPPOICAL STANING)

#### 12. Ecological information (continued)

Bioaccumulative potential : Not established.

##### 12.4. Mobility in soil

Mobility in soil : Not established.

##### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment :** The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

##### 12.6. Other adverse effects

Environmental precautions : Avoid release to the environment.

#### 13. Disposal considerations

##### 13.1. Waste treatment methods

General : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

#### 14. Transport information

##### 14.1. Land transport (ADR-RID)

General information : Not regulated.

##### 14.2. Sea transport (IMDG) [English only]

General information : Not regulated.

##### 14.3. Air transport (ICAO-IATA) [English only]

General information : Not regulated.

#### 15. Regulatory information

##### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**Safety, health and environmental regulations/legislation specific for the substance or mixture :** Ensure all national/local regulations are observed.

**MATERIAL SAFETY DATA SHEET (MSDS)**  
**GRAM'S IODINE (FOR MICRPSCPPOICAL STANING)**

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

**DISCLAIMER:**

- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

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