Safety Data Sheet

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name  • Sodium iodide/Thallium Crystal

Product Description  • Clear or slight yellow solid, no odor.

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

Relevant identified use(s)  • Crystal for radiation detection

1.3 Details of the supplier of the safety data sheet

Manufacturer  • Saint-Gobain Crystals

17900 Great Lakes Parkway
Hiram, OH 44234
United States
www.crystals.saint-gobain.com
scintillation@saint-gobain.com

Telephone (General)  • 440-834-5600

1.4 Emergency telephone number

Manufacturer  • 1-800-424-9300 - ChemTrec

Section 2: Hazards Identification

EU/EEC

According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP  • Skin Irritation 2 - H315
     • Skin Sensitization 1 - H317
     • Eye Irritation 2 - H319
     • Respiratory Sensitization 1 - H334
     • Reproductive Toxicity 1A - H360
     • Specific Target Organ Toxicity Repeated Exposure 1 - H372

DSD/DPD  • Harmful (Xn)
          • Irritant (Xi)
          • Substances Toxic To Reproduction - Category 1
          R36/38, R42/43, R48/25, R61

2.2 Label Elements

CLP

DANGER
Hazard statements

- H315 - Causes skin irritation
- H317 - May cause an allergic skin reaction
- H319 - Causes serious eye irritation
- H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H360 - May damage fertility or the unborn child.
- H372 - Causes damage to organs - Thyroid through prolonged or repeated exposure

Precautionary statements

Prevention

- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P260 - Do not breathe dusts or mists.
- P264 - Wash hands thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P272 - Contaminated work clothing should not be allowed out of the workplace.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P281 - Use personal protective equipment as required.
- P285 - In case of inadequate ventilation wear respiratory protection.

Response

- P304+P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
- P321 - Specific treatment, see supplemental first aid information.
- P362 - Take off contaminated clothing and wash before reuse.
- P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 - If eye irritation persists: Get medical advice/attention.
- P308+P313 - IF exposed or concerned: Get medical advice/attention.
- P314 - Get medical advice/attention if you feel unwell.

Storage/Disposal

- P405 - Store locked up.
- P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD

Risk phrases

- R36/38 - Irritating to eyes and skin.
- R42/43 - May cause sensitisation by inhalation and skin contact.
- R48/25 - Toxic: danger of serious damage to health by prolonged exposure if swallowed.
- R61 - May cause harm to the unborn child.

Safety phrases

- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- S53 - Avoid exposure - obtain special instructions before use.

2.3 Other Hazards

CLP

- According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

DSD/DPD

- According to European Directive 1999/45/EC this preparation is considered dangerous.

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012

- Skin Irritation 2 - H315
- Skin Sensitization 1 - H317
Eye Irritation 2 - H319
Respiratory Sensitization 1 - H334
Reproductive Toxicity 1A - H360
Specific Target Organ Toxicity Repeated Exposure 1 - H372

2.2 Label elements
OSHA HCS 2012

DANGER

**Hazard statements**
- Causes skin irritation - H315
- May cause an allergic skin reaction - H317
- Causes serious eye irritation - H319
- May cause allergy or asthma symptoms or breathing difficulties if inhaled - H334
- May damage fertility or the unborn child - H360
- Causes damage to organs - Thyroid through prolonged or repeated exposure - H372

**Precautionary statements**

**Prevention**
- Obtain special instructions before use. - P201
- Do not handle until all safety precautions have been read and understood. - P202
- Do not breathe dusts or mists. - P260
- Wash hands thoroughly after handling. - P264
- Do not eat, drink or smoke when using this product. - P270
- Contaminated work clothing should not be allowed out of the workplace. - P272
- Wear protective gloves/protective clothing/eye protection/face protection. - P280
- In case of inadequate ventilation wear respiratory protection. - P285

**Response**
- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. - P304+P341
- If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. - P342+P311
- If on skin: Wash with plenty of water. Specific treatment, see supplemental first aid information. - P321
- Take off contaminated clothing and wash before reuse. - P362
- If skin irritation or rash occurs: Get medical advice/attention. - P333+P313
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - P305+P351+P338
- If eye irritation persists: Get medical advice/attention. - P337+P313
- IF exposed or concerned: Get medical advice/attention if you feel unwell. - P314

**Storage/Disposal**
- Store locked up. - P405
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

2.3 Other hazards
OSHA HCS 2012


2.4 Other information

- Due to formed nature of this product, exposure is not expected.

### Section 3 - Composition/Information on Ingredients

#### 3.1 Substances
Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

### 3.2 Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Identifiers</th>
<th>%</th>
<th>LD50/LC50</th>
<th>Classifications According to Regulation/Directive</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium iodide</td>
<td>CAS:7681-82-5, EINECS:231-679-3</td>
<td>99% TO 100%</td>
<td>Ingestion/Oral-Rat LD50 • 4340 mg/kg</td>
<td>EU DSD/DPD: Self Classified - Xi R36/38. R42/43, Repr. 1, R61; Xn, R48/25 EU CLP: Self Classified - Skin Irrit. 2, H315; Eye Irrit. 2, H319; Repr. 1A, H360; STOT RE 1 (Thyroid), H372; Skin Sens. 1, H317; Resp. Sens. 1, H334</td>
<td>NDA</td>
</tr>
<tr>
<td>Thallium iodide</td>
<td>CAS:7790-30-9, EINECS:232-199-7</td>
<td>&lt; 1%</td>
<td>Ingestion/Oral-Rat LD50 • 24100 µg/kg</td>
<td>EU DSD/DPD: Annex VI, Table 3.2 - T+; R26/28 R33 N; R51-53 (Thallium Compounds) EU CLP: Annex VI, Table 3.1 - Acute Tox. 2 *, H330; Acute Tox. 2 *, H300; STOT RE 2 *, H373; Aquatic Chronic 2, H411; (As Thallium Compounds) OSHA HCS 2012: Acute Tox. 2 (Oral); STOT RE 1 (Liver, Kidney, Nervous system, Gastrointestinal system, Endocrine system)</td>
<td>NDA</td>
</tr>
</tbody>
</table>

### Section 4 - First Aid Measures

#### 4.1 Description of first aid measures

**Inhalation**
- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

**Skin**
- In case of contact with substance, immediately flush skin with running water for at least 20 minutes.

**Eye**
- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes.

**Ingestion**
- If large quantities are swallowed, call a physician immediately.

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

Refer to Section 11 - Toxicological Information.

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

Notes to Physician
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

### Section 5 - Firefighting Measures

#### 5.1 Extinguishing media

Suitable Extinguishing Media
- LARGE FIRE: Water spray, fog or regular foam.
- SMALL FIRES: Dry chemical, CO2, water spray or regular foam.

Unsuitable Extinguishing Media
- No data available.

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

**Unusual Fire and Explosion Hazards**
- Toxic and irritating gases/fumes may be given off during burning or thermal decomposition.

**Hazardous Combustion**
- No data available.
Products

5.3 Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection.
  Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions
- Do not walk through spilled material. Take proper precautions to minimize exposure by using appropriate personal protective equipment.

Emergency Procedures
- Keep unauthorized personnel away. Stay upwind.

6.2 Environmental precautions

- Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures
- Pick up large pieces.
  Sweep, shovel or vacuum up spilled material and place in appropriate container.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling
- Use good safety and industrial hygiene practices. Use only with adequate ventilation. Wear appropriate protective equipment including respiratory protection as conditions warrant. Avoid dust inhalation and contact with skin and eyes. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

7.2 Conditions for safe storage, including any incompatibilities

Storage
- Store in a dry place. Keep container closed.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines
- No applicable exposure limits available for product or components.

8.2 Exposure controls

Engineering Measures/Controls
- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Respiratory
- In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/ Face
- Wear protective eyewear (goggles, face shield, or safety glasses).

Skin / Body
- Wear appropriate gloves.

Environmental Exposure Controls
- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow
best practice for site management and disposal of waste.

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Material Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form</td>
</tr>
<tr>
<td>Color</td>
</tr>
<tr>
<td>Odor Threshold</td>
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</table>

<table>
<thead>
<tr>
<th>General Properties</th>
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<tbody>
<tr>
<td>Boiling Point</td>
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<tr>
<td>Decomposition Temperature</td>
</tr>
<tr>
<td>Specific Gravity/Relative Density</td>
</tr>
<tr>
<td>Viscosity</td>
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<tr>
<td>Oxidizing Properties</td>
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<table>
<thead>
<tr>
<th>Volatility</th>
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</thead>
<tbody>
<tr>
<td>Vapor Pressure</td>
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<tr>
<td>Evaporation Rate</td>
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<table>
<thead>
<tr>
<th>Flammability</th>
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<tbody>
<tr>
<td>Flash Point</td>
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<tr>
<td>LEL</td>
</tr>
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<td>Flammability (solid, gas)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Environmental</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octanol/Water Partition coefficient</td>
</tr>
</tbody>
</table>

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Incompatible materials.

10.5 Incompatible materials

- Moisture, strong oxidants.

10.6 Hazardous decomposition products

- Sodium oxide, hydriodic acid, iodine.

Section 11 - Toxicological Information
11.1 Information on toxicological effects

Other Material Information

This material is a solid that does not release or otherwise result in exposure to chemical hazards under normal use. The information provided below is applicable in the event dusts or fumes are formed as a result of crushing, cutting, grinding, heating, etc.

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium iodide (99% TO 100%)</td>
<td>7681-82-5</td>
<td>Acute Toxicity: orl-rat LD50: 4340 mg/kg;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Irritation: eye-rbt 100 mg/24H MOD;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>skn-rbt 500 mg/24H MOD;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reproductive: orl-wmn TDL0: 9240 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(1-43W preg)</td>
</tr>
<tr>
<td>Thallium iodide (&lt; 1%)</td>
<td>7790-30-9</td>
<td>Acute Toxicity: orl-rat LD50: 24100 mg/kg</td>
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</tbody>
</table>

**GHS Properties**

<table>
<thead>
<tr>
<th>Classification</th>
<th>EU/CLP</th>
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<tr>
<td>Acute toxicity</td>
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<tr>
<td>Dermal</td>
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<td>Inhilation</td>
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<tr>
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<td>orl-rat LD50: 4340 mg/kg</td>
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<tr>
<td>Irritation</td>
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<tr>
<td>Dermal</td>
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<tr>
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<tr>
<td>orl-rat LD50: 24100 mg/kg</td>
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<tr>
<td>Reproductive</td>
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<tr>
<td>Data</td>
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<td>orl-wmn TDL0: 9240 mg/kg</td>
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<td>Aspiration Hazard</td>
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<td>Carcinogenicity</td>
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<td>Germ Cell Mutagenicity</td>
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<td>Data</td>
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</tr>
<tr>
<td>Skin corrosion/Irritation</td>
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<tr>
<td>Skin Irritation 2</td>
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<td>OSHA HCS 2012</td>
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<tr>
<td>Skin sensitization</td>
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<tr>
<td>Skin Sensitizer 1</td>
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<tr>
<td>STOT-RE</td>
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<td>Specific Target Organ Toxicity Repeated Exposure 1</td>
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<td>STOT-SE</td>
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<td>Data</td>
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<td></td>
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<tr>
<td>OSHA HCS 2012</td>
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<tr>
<td>Toxicity for Reproduction</td>
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<tr>
<td>Toxic to Reproduction 1A</td>
<td></td>
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<tr>
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<td>Respiratory sensitization</td>
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<tr>
<td>Respiratory Sensitizer 1</td>
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<td></td>
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<tr>
<td>OSHA HCS 2012</td>
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<td></td>
</tr>
<tr>
<td>Serious eye damage/Irritation</td>
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<td></td>
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<tr>
<td>Eye Irritation 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OSHA HCS 2012</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Target Organs**

- Thyroid

**Route(s) of entry/exposure**

- Inhalation, Skin, Eye, Ingestion

**Potential Health Effects**

**Inhalation**

- **Acute (Immediate)**
  - Processes such as cutting, grinding, crushing, or impact may result in generation of excessive amounts of airborne dusts in the workplace. Nuisance dust may affect the lungs but reactions are typically reversible.

- **Chronic (Delayed)**
  - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Skin**

- **Acute (Immediate)**
  - Causes skin irritation. May cause skin sensitization. Symptoms include redness, and skin rash.

- **Chronic (Delayed)**
  - No data available.
Eye
- Acute (Immediate): Causes serious eye irritation.
- Chronic (Delayed): No data available.

Ingestion
- Acute (Immediate): Ingestion of Sodium iodide may have effects on the thyroid and may cause systemic sensitization. Symptoms of systemic sensitization may include airway obstruction and various skin reactions or even anaphylactic shock.
- Chronic (Delayed): No data available.

Reproductive Effects
- The occasional use of iodides for asthma in pregnancy has resulted in fetal death, severe goiter and cretinoid appearance of the newborn.

Section 12 - Ecological Information

12.1 Toxicity
- Material data lacking.

12.2 Persistence and degradability
- Material data lacking.

12.3 Bioaccumulative potential
- Material data lacking.

12.4 Mobility in Soil
- Material data lacking.

12.5 Results of PBT and vPvB assessment
- No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects
- No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods
- Product waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
- Packaging waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

<table>
<thead>
<tr>
<th></th>
<th>14.1 UN number</th>
<th>14.2 UN proper shipping name</th>
<th>14.3 Transport hazard class(es)</th>
<th>14.4 Packing group</th>
<th>14.5 Environmental hazards</th>
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<tbody>
<tr>
<td>DOT</td>
<td>NDA</td>
<td>Not regulated</td>
<td>NDA</td>
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<tr>
<td>TDG</td>
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<td>IATA/ICAO</td>
<td>NDA</td>
<td>Not regulated</td>
<td>NDA</td>
<td>NDA</td>
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</tr>
</tbody>
</table>

14.6 Special precautions for user
- None known.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Section 15 - Regulatory Information

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

SARA Hazard Classifications

<table>
<thead>
<tr>
<th>Component</th>
<th>Acute</th>
<th>Chronic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium iodide</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Thallium iodide</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>MA</th>
<th>NJ</th>
<th>PA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium iodide</td>
<td>7681-82-5</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Thallium iodide</td>
<td>7790-30-9</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
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</table>

Inventory

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>EU EINECS</th>
<th>EU ELNICS</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium iodide</td>
<td>7681-82-5</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Thallium iodide</td>
<td>7790-30-9</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Europe

Other

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

- Sodium iodide
- Thallium iodide
- Thallium iodide as Thallium compounds

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

- Sodium iodide
- Thallium iodide
- Thallium iodide as Thallium compounds

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

- Sodium iodide
- Thallium iodide
- Thallium iodide as Thallium compounds

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

- Sodium iodide
- Thallium iodide
- Thallium iodide as Thallium compounds

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

- Sodium iodide
- Thallium iodide
- Thallium iodide as Thallium compounds
<table>
<thead>
<tr>
<th><strong>EU - Hazardous Substances Restricted or Prohibited in Electrical Equipment (2011/65/EU) (RoHS)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Sodium iodide 7681-82-5 Not Listed</td>
</tr>
<tr>
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<thead>
<tr>
<th><strong>EU - Inventory of Cosmetic Ingredients Directive (INCI) (76/768/EEC) - Other Ingredients</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Sodium iodide 7681-82-5 Antimicrobial</td>
</tr>
<tr>
<td>• Thallium iodide 7790-30-9 Not Listed</td>
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<tr>
<th><strong>EU - Inventory of Cosmetic Ingredients Directive (INCI) (76/768/EEC) - Perfume and Aromatic Materials</strong></th>
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**United States**

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<tr>
<th><strong>Labor</strong></th>
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<tbody>
<tr>
<td><strong>U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals</strong></td>
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<tr>
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<th><strong>U.S. - OSHA - Specifically Regulated Chemicals</strong></th>
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**Environment**

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<tr>
<th><strong>U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants</strong></th>
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<th><strong>U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities</strong></th>
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<tr>
<th><strong>U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities</strong></th>
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<th><strong>U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs</strong></th>
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U.S. - CERCLA/SARA - Section 313 - Emission Reporting

- Sodium iodide 7681-82-5 Not Listed
- Thallium iodide 7790-30-9 Not Listed
- Thallium iodide as Thallium compounds 1.0 % de minimis concentration (Chemical Category N760)

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

- Sodium iodide 7681-82-5 Not Listed
- Thallium iodide 7790-30-9 Not Listed
- Thallium iodide as Thallium compounds Not Listed

U.S. - CWA (Clean Water Act) - Hazardous Substances

- Sodium iodide 7681-82-5 Not Listed
- Thallium iodide 7790-30-9 Not Listed
- Thallium iodide as Thallium compounds Not Listed

U.S. - CWA (Clean Water Act) - Priority Pollutants

- Sodium iodide 7681-82-5 Not Listed
- Thallium iodide 7790-30-9 Not Listed
- Thallium iodide as Thallium compounds Not Listed

U.S. - CWA (Clean Water Act) - Reportable Quantities of Designated Hazardous Substances

- Sodium iodide 7681-82-5 Not Listed
- Thallium iodide 7790-30-9 Not Listed
- Thallium iodide as Thallium compounds Not Listed

U.S. - CWA (Clean Water Act) - Toxic Pollutants

- Sodium iodide 7681-82-5 Not Listed
- Thallium iodide 7790-30-9 Not Listed
- Thallium iodide as Thallium compounds (including organic and inorganic compounds)

U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics

- Sodium iodide 7681-82-5 Not Listed
- Thallium iodide 7790-30-9 Not Listed
- Thallium iodide as Thallium compounds Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

- Sodium iodide 7681-82-5 Not Listed
- Thallium iodide 7790-30-9 Not Listed
- Thallium iodide as Thallium compounds Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

- Sodium iodide 7681-82-5 Not Listed
- Thallium iodide 7790-30-9 Not Listed
- Thallium iodide as Thallium compounds Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

- Sodium iodide 7681-82-5 Not Listed
- Thallium iodide 7790-30-9 Not Listed
- Thallium iodide as Thallium compounds Not Listed
U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

- Sodium iodide 7681-82-5  Not Listed
- Thallium iodide 7790-30-9  Not Listed
- Thallium iodide as Thallium compounds

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

- Sodium iodide 7681-82-5  Not Listed
- Thallium iodide 7790-30-9  Not Listed
- Thallium iodide as Thallium compounds

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

- Sodium iodide 7681-82-5  Not Listed
- Thallium iodide 7790-30-9  Not Listed
- Thallium iodide as Thallium compounds

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

- Sodium iodide 7681-82-5  Not Listed
- Thallium iodide 7790-30-9  Not Listed
- Thallium iodide as Thallium compounds

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

- Sodium iodide 7681-82-5  Not Listed
- Thallium iodide 7790-30-9  Not Listed
- Thallium iodide as Thallium compounds

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Relevant Phrases (code & full text)

- The full text for H and R phrases found in section 3 are listed below. These phrases are relevant to the thallium iodide component and not to the material as a whole.
  - H300 - Fatal if swallowed
  - H330 - Fatal if inhaled
  - H373 - May cause damage to organs through prolonged or repeated exposure.
  - H411 - Toxic to aquatic life with long lasting effects
  - R26/28 - Very toxic by inhalation and if swallowed.
  - R33 - Danger of cumulative effects.
  - R51 - Toxic to aquatic organisms.
  - R53 - May cause long-term adverse effects in the aquatic environment.

Last Revision Date

- 27/February/2014

Preparation Date

- 01/March/2007

Disclaimer/Statement of Liability

- Reasonable care has been taken in the preparation of this information, but the supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Safety Data...
Sheet before handling product.

Key to abbreviations
NDA = No data available