

# Safety Data Sheet

## Sensitizer for 2-Part Silver– C3031

SDS Revision Date:

5/13/2017

### 1. Identification

#### 1.1. Product identifier

**Product Identity**

Sensitizer for 2-Part Silver – C3031

**Alternate Names**

Sensitizer for 2-Part Silver – C3031

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

**Intended use**

Commercial mirroring.

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

**Company Name**

Angel Gilding  
1945 Gardner Rd.  
Broadview IL 60155 USA

**Emergency**

**24 hour Emergency Telephone**

708-383-3340

**Customer Service: Angel Gilding**

708-383-3340

### 2. Hazard(s) identification

#### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2

#### Label elements



**Signal word**

**WARNING**

#### **HAZARD STATEMENTS**

Causes skin irritation Causes serious eye irritation

#### **PREVENTION**

Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

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### RESPONSE

Get medical advice/attention if you feel unwell.

#### Eyes

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

#### Skin

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

#### Inhalation

IF INHALED: Call a POISON CENTER or doctor if you feel unwell.

#### Ingestion

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

### STORAGE

Store in a closed container

### DISPOSAL

Dispose of contents/containers in accordance with local regulations.

### HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

Not applicable.

### OTHER HAZARDS

May be harmful if swallowed.

**UNKNOWN ACUTE TOXICITY** 0% of the mixture consists of ingredient(s) of unknown toxicity.

## 3. Composition/information on ingredients

Chemical Name	CAS No	weight-%
Stannous fluoride	7783-47-3	10 - 25

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. First aid measures

### First Aid Measures

#### General advice

Get medical advice/attention if you feel unwell.

#### Eye contact

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

#### Skin Contact

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

#### Inhalation

IF INHALED: Call a POISON CENTER or doctor if you feel unwell.

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### Ingestion

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

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

Symptoms No information available.

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

Note to physicians Treat symptomatically.

## 5. Fire-fighting measures

### Suitable extinguishing media

Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

Not to be used for safety reasons: Strong water jet

### Specific hazards arising from the chemical

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes.

### Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### **Personal precautions**

Avoid breathing vapors or mists. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

#### **For emergency responders**

Use personal protection recommended in Section 8.

### Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

### Methods and material for containment and cleaning up

#### **Methods for containment**

Prevent further leakage or spillage if safe to do so.

#### **Methods for cleaning up**

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers.

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### 7. Handling and storage

#### Precautions for safe handling

##### **Advice on safe handling**

Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Do not breathe dust/fume/gas/mist/vapors/spray.

##### **General Hygiene Considerations**

Avoid contact with skin, eyes or clothing. When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

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

##### **Storage Conditions**

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

##### **Incompatible materials**

None known

### 8. Exposure controls and personal protection

#### Control parameters

##### **Exposure Limits**

If S\* appears in the OEL table, it indicates this chemical contains a skin notation.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Stannous fluoride 7783-47-3	TWA: 2 mg/m <sup>3</sup> Sn except Tin hydride TWA: 2.5 mg/m <sup>3</sup> F	TWA: 2 mg/m <sup>3</sup> Sn except oxides TWA: 2.5 mg/m <sup>3</sup> F TWA: 2.5 mg/m <sup>3</sup> dust	IDLH: 100 mg/m <sup>3</sup> Sn TWA: 2 mg/m <sup>3</sup> except Tin oxides Sn

#### Appropriate engineering controls

##### **Engineering Controls**

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

#### Individual protection measures, such as personal protective equipment

##### **Eye/face protection**

Wear safety glasses with side shields (or goggles).

##### **Skin and body protection**

Wear suitable protective clothing.

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### Hand Protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

### Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

### Thermal Protection

No information available

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

<b>Physical state</b>	liquid
<b>Appearance</b>	No information available
<b>Odor</b>	No information available
<b>Color</b>	No information available
<b>Odor Threshold</b>	No information available
<b>pH value</b>	No information available
<b>Melting point/freezing point</b>	No information available
<b>Boiling point / boiling range</b>	No information available
<b>Flash point</b>	100 °C / 212 °F
<b>Evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability Limit in Air</b>	
<b>Upper flammability limit:</b>	No information available
<b>Lower flammability limit:</b>	No information available
<b>Vapor Pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Density (lbs per US gallon)</b>	9.13
<b>Specific gravity</b>	1.09
<b>Solubility(ies)</b>	No information available
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Kinematic viscosity</b>	No information available
<b>Dynamic viscosity</b>	No information available

### Other information

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### 10. Stability and reactivity

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous polymerization</b>	None under normal processing
<b>Conditions to avoid</b>	Heat, flames and sparks.
<b>Incompatible materials</b>	None known.
<b>Hazardous Decomposition Products</b>	Carbon monoxide, Carbon dioxide (CO <sub>2</sub> )

### 11. Toxicological information

#### Information on likely routes of exposure

Eye contact	Causes serious eye irritation
Skin Contact	Causes skin irritation
Ingestion	Not applicable
Inhalation	Not applicable

#### Numerical measures of toxicity - Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Stannous fluoride 7783-47-3	200 - 300 mg/kg ( Rat )	-	-

#### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 3743 Mg/kg

**UNKNOWN ACUTE TOXICITY** 0% of the mixture consists of ingredient(s) of unknown toxicity

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Skin corrosion/irritation</b>	Causes skin irritation
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation
<b>Skin sensitization</b>	Not applicable
<b>Respiratory sensitization</b>	Not applicable
<b>Germ cell mutagenicity</b>	Not applicable
<b>Carcinogenicity</b>	Not applicable
<b>Reproductive Toxicity</b>	Not applicable
<b>Specific target organ toxicity (single exposure)</b>	Not applicable
<b>Specific target organ toxicity (repeated exposure)</b>	Not applicable
<b>Aspiration hazard</b>	Not applicable

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### 12. Ecological information

#### Ecotoxicity

Environmental precautions Prevent product from entering drains.

Persistence and degradability No information available

Bioaccumulation No information available

Mobility No information available

Other adverse effects No information available

### 13. Disposal considerations

#### Waste treatment methods

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

**Contaminated packaging** Improper disposal or reuse of this container may be dangerous and illegal. Empty containers must be scrapped or reconditioned.

### 14. Transport information

	DOT	IMDG	IATA
14.1 UN/ID	Not regulated	Not regulated	Not regulated
14.2 Proper shipping name			
14.3 Hazard Class			
14.4 Packing Group	II	II	II
14.5 Environmental hazard	Not applicable		
14.6 Special Provisions			
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available		

### 15. Regulatory information

#### **International Inventories**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory All components are listed or exempt from listing

**DSL** - Canadian Domestic Substances List All components are listed or exempt from listing

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### US Federal Regulations

#### SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

#### US State Regulations

#### Rule 66 status of product

Not photochemically reactive.

#### U.S. EPA Label information

EPA Pesticide registration number Not applicable

#### U.S. State Right-to-Know Regulations

Chemical Name
Water 7732-18-5
Stannous fluoride 7783-47-3

## 16. Other information

Health hazards	Flammability	<u>HMIS</u>	Physical hazards	Personal Protection
2	1		0	X
Prepared By	Product Stewardship			
Revision Date	May 13, 2017			

#### Disclaimer

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

End of Safety Data Sheet