

# SAFETY DATA SHEET

Conforms with OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012



Product: Surgical Instrument Stain Remover (REF 3-740)

Revision Date: 11/9/2015

## SECTION 1 - IDENTIFICATION

### Product Identifier

Product Name: Surgical Instrument Stain Remover

Product Code: 3-740

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use:** Used for removing stains and tarnish from surgical instruments.

**Restrictions on Use:** Please be advised that the Instrument Stain Remover (3-740) is not recommended for use on ophthalmic instrumentation unless a verifiable method is employed by the user to determine, with 100% certainty, that all abrasive pumice is removed from the surface of the instrument.

### Details of the Supplier

**Manufactured for:** Integra York PA, Inc.  
589 Davies Dr.  
York, PA 17402 USA  
1-866-854-8300

### Emergency Phone Number

**24-Hour Number:** 1-800-535-5053  
**International:** 1-352-323-3500

## SECTION 2 – HAZARDS IDENTIFICATION

### Classification of the substance or mixture:

Hazard Class	Category
Serious Eye Damage/Eye Irritation	2B
Skin Corrosion/Irritation	2

### Label Elements

GHS label elements, including hazard and precautionary statements:

Hazard pictogram(s):



Signal word: Warning

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**Hazard Statement(s):**

Causes eye irritation. Causes skin irritation.

**Precautionary Statements:**

**Prevention:**

Wash skin thoroughly after handling.  
Wear appropriate chemical resistant gloves, goggles and chemical protective clothing.

**Response:**

**IF ON SKIN:**

Wash with plenty of water.  
Specific treatment - refer to poison center or doctor for advice.  
If skin irritation occurs: Get Medical advice/attention.  
Take off contaminated clothing and wash it before reuse.

**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 attention

**Components with Unknown Acute Toxicity**

Oral = 85%  
Dermal = 85%

**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS Number	Concentration %
Citric Acid	99-92-9	<15%

**SECTION 4 – FIRST AID MEASURES**

**EMERGENCY AND FIRST AID PROCEDURES:**

**First Aid Measures**

**Skin:** If on skin (on hair): Take off immediately all contaminated clothing. Rinse with water/safety shower. Call doctor if irritation persists.

**Eye Contact:** If in eyes: Rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritated, call doctor.

**Ingestion:** If swallowed: Rinse mouth. Do NOT induce vomiting.

**Most Important Symptoms and Effects (Acute and Delayed)**

**Eye Contact:** Irritation of eyes and skin.

**Skin:** This product can cause mild, transient skin irritation. The severity of irritation will depend on the amount of material that is applied to the skin and the speed and thoroughness that it is removed. Symptoms include redness, itching, and burning of the skin. Repeated or prolonged skin contact can produce moderate irritation (dermatitis).

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## Indication of any Immediate Medical Attention and Special Treatment Needed

Provide general supportive measures and treat symptomatically. Symptoms may be delayed. Keep victim under observation.

## SECTION 5 – FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable/Unsuitable:** Will not burn or support combustion. Use extinguishing media appropriate for surrounding fire, such as water spray, dry chemical, foam or carbon dioxide.

### Specific Hazards Arising from Chemical

Carbon oxides may be produced.

### Protective Equipment and Precautions for Firefighters

Wear chemical resistant protective equipment and self-contained breathing apparatus (SCBA).

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### Methods and Material for Containment and Cleaning Up

#### **Steps to be taken in case material is released or spilled:**

Stop spill at source.

**Caution:** Spilled material may be slippery.

If trained in accordance with 29 CFR 1910.120, leaks should be stopped. Spills should be contained and cleaned immediately. Persons performing clean up work should wear adequate personal protective equipment and clothing. Spills and releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

Sweep up and return to container.

**Waste Disposal Method:** Dispose of in accordance with all applicable federal, state, and local regulations.

## SECTION 7 – HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling:** Wash hands thoroughly after handling. Wear appropriate chemical resistant gloves, goggles and chemical protective clothing. Eating, drinking and smoking in the work area is prohibited.

### Conditions for Safe Storage, Including any Incompatibilities

**Storage Conditions:** Keep container tightly closed.

**Incompatible Materials:** None identified.

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## SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

### Control Parameters

#### Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Citric Acid	Not established	Not established	Not established

### Appropriate Engineering Controls

None defined.

### Individual Protection Measures

**Respiratory Protection:** None defined.

**Skin and Body Protection:** Wear appropriate chemical resistant gloves.

**Eye/Face Protection:** Wear chemical safety glasses.

**General Work/Hygienic Practices:** Eating, drinking and smoking in the work area is prohibited.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White to off-white granular mixture

**Odor:** No odor

**Odor threshold:** Not applicable.

**pH:** 2.5 – 3.5 (5% solution)

**Melting point/freezing point:** Not applicable.

**Initial boiling point and boiling range:** Not applicable.

**Flash point:** None

**Evaporation rate:** Not applicable.

**Flammability (solid, gas):** Non flammable

**Upper/lower flammability or explosive limits:** Not applicable.

**Vapor pressure:** Not applicable.

**Vapor density:** Not applicable.

**Relative density:** Not applicable.

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**Solubility(ies):** Partially soluble – 15 g powder/100 g water

**Partition coefficient (n-octanol/water):** Not applicable.

**Auto-ignition temperature:** Not applicable.

**Decomposition temperature:** Not applicable.

**Viscosity:** Not applicable.

## SECTION 10 – STABILITY AND REACTIVITY

**Reactivity:** Hazardous polymerization will not occur.

**Chemical stability:** Stable under normal conditions.

**Possibility of hazardous reactions:** Hazardous polymerization does not occur.

**Conditions to avoid:** Not specified.

**Incompatible materials:** Avoid contact with strong oxidizers and strong acids.

**Hazardous decomposition products:** Not specified.

## SECTION 11 – TOXICOLOGICAL INFORMATION

**Oral Administration:** Citric Acid-LD50(rat)-5400 mg/kg

**Dermal administration:** Citric Acid-LD50(Rat)-200 mg/kg

**Immediate effects:** Irritation/ burns of skin and eyes.

**Cancer Hazard:** Not listed by IARC, NTP, OSHA, ACGIH

**Routes of Exposure** Eyes, Skin, Inhalation, Ingestion

## SECTION 12 – ECOLOGICAL INFORMATION

**Ecotoxicity:** Not specified.

**Persistence and degradability:** Will biodegrade readily

**Bioaccumulative potential:** Unlikely

**Mobility in soil:** Not specified.

**Other adverse effects:** Not specified.

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## SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of the product and container in accordance with all applicable local, state, and federal regulations.

## SECTION 14 – TRANSPORT INFORMATION

**Department of Transportation:**  
Not D.O.T regulated

## SECTION 15 – REGULATORY INFORMATION

No additional information.

## SECTION 16 – OTHER INFORMATION

**HMIS:** Health: 1 Flammability: 0 Reactivity: 0

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