

# MATERIAL SAFETY DATA SHEET

Revised/Reviewed: February 25, 2013

## **SURGICAL INSTRUMENT STAIN REMOVER (REF 3-740)**

Used for removing stains and tarnish from surgical instruments.

### Section 1- Product and Company Information

Manufactured for: Integra York PA, Inc., 589 Davies Drive, York, PA 17402

Information: 717-840-9335, 717-840-9347 (fax)

Chemical Name & Synonyms: Citric acid containing mixture

Chemical Formula: Proprietary

In Case of Emergency: 1-800-535-5053

### Section 2 – Composition/ Information on Ingredients

The product is composed of less than 15% citric acid (CAS # 77-92-9) and greater than 75% pumice (CAS #1332-09-8).

### Section 3 - Health Identification

**\*\*WARNING\*\***

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.

Contact may cause skin and eye irritation. Inhalation of dust may irritate nose, throat, and Respiratory tract. A Threshold Limit Value (TLV) has not been established for the material.

Primary Route(s) of Entry: Ingestion, Eye, and Skin.

Carcinogen: NTP Program- No

IARC Program- No

OSHA Program- No

Medical Conditions Aggravated by Exposure: None known.

HMIS Ratings: Health = 1; Flammability = 0; Reactivity = 0

NFPA Ratings: Health = 1; Flammability = 0; Reactivity = 0

### Section 4 - First Aid Measures

Eyes: Flush with tepid water for at least 15 minutes. Seek medical attention as soon as possible.

Skin: Flush with tepid water for at least 15 minutes.

Ingestion: *Do not* induce vomiting. Give large quantities of water or milk. Do not give anything to an unconscious or convulsing person. Seek medical attention.

Inhalation: If any ill effects are noticed, remove person to fresh air. Seek medical attention as necessary.

### Section 5 – Fire Fighting Measures

Flash Point (Test Method): Not applicable.

Flammable Limits- LEL: Not applicable

UEL: Not applicable

Extinguishing Media: As appropriate for the primary cause of the fire.

Special Fire Fighting Procedures: None known.

Unusual Fire and Explosion Hazards: None known.

### Section 6 - Physical and Chemical Properties

Physical State: Powder

Appearance and Odor: Off-white color, odorless.

Boiling Point (°C): Not applicable

Specific Gravity (Water=1): Not determined

Evaporation Rate (butyl acetate=1): Not applicable

Vapor Density (Air=1): Not applicable

Vapor Pressure (mm Hg): Not applicable

Solubility in Water: Partially soluble, approximately 15-g of powder per 100-g of water.

pH: 2.5-3.5 (5-percent solution)

### Section 7 – Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known.

Incompatibility/ Materials to Avoid: Avoid materials known to be incompatible with organic acids.

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: None known.

### Section 8 – Accidental Release, Disposal, and Ecological Information

Spill Response: Sweep up and transfer to a waste receptacle.

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

Ecological, General: Not determined

### Section 9 – Exposure Controls/ Personal Protection

Eye Protection: Goggles

Respiratory Protection: NIOSH-approved dust and mist mask/respirator.

Ventilation Recommendations: Local exhaust to minimize dust exposure

Skin Protection: Rubber or plastic gloves.

Other: As required to minimize skin contact.

### Section 10 – Storage and Handling

Storage: Keep in a cool, dry place. Keep container closed when not in use.

Handling: No unusual precautions.

### Section 11 – Miscellaneous

Toxicological Information: Not determined

Transportation Information: Not a DOT hazardous material.

Other: SARA Title III (section 313) Toxic Chemicals- None

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