

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

Liability Disclaimer: MSDS information is provided based on OSHA's Hazardous Communication Regulation and for use of the persons required to receive this information under this regulation. The information is neither designed nor recommended for any other use or for use by any other person, including compliance with other laws. Integra York PA,



Inc. (the "Company") does not warrant the suitability for use of this MSDS for any other material or product not specifically identified herein. The Company does not warrant the accuracy or authenticity of this MSDS unless it has been obtained directly from the Company, or posted or viewed on a Company website. This MSDS is based on information that is believed to be reliable, but may be subject to change as new information becomes available. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. Since the use of this material is not under the Company's control, each user is responsible for making their own determination as to the safe and proper handling of this material in their own particular use of this material. The Company makes no representation or warranty, either expressed or implied, including as to merchantability or fitness for a particular purpose.