

**Safety Data Sheet**
**Restore™ Rust and Stain Remover | Concentrate**



SECTION 1 – IDENTIFICATION	
<b>Product Name:</b>	Restore Rust and Stain Remover Concentrate
<b>Product Code:</b>	KRS-1
<b>Recommended Use:</b>	Instrument Rust and Stain Remover
<b>Supplier:</b>	Cygnus Medical 965 West Main Street Branford, CT 06405 USA
<b>Telephone #:</b>	1-800-990-7489
<b>FAX #:</b>	1-203-764-1858
<b>Issue Date:</b>	11-January-2011
<b>Date of Last Revision:</b>	17-August-2020

NFPA	
3	0
C	2

HMIS	
HEALTH HAZARD	3
FIRE HAZARD	0
REACTIVITY	2
PERSONAL PROTECTION	C

SECTION 2 – HAZARD(S) IDENTIFICATION	
<b>GHS Pictogram:</b>	 
<b>Signal Word:</b>	<b>DANGER</b>
<b>Hazard Statement:</b>	<b>H302</b> – Harmful if swallowed. <b>H312</b> – Harmful in contact with skin. <b>H318</b> – Causes serious eye damage.
<b>Precautionary Statements:</b>	<b>P264</b> – Wash hands and exposed areas thoroughly after handling. <b>P280</b> – Wear eye protection, protective gloves. <b>P302 + P352</b> – IF ON SKIN: Wash with plenty of water. <b>P305 + P351</b> – IF IN EYES: Rinse cautiously with water for several minutes.

Continued, see next page for Section 3 “Composition/Information on Ingredients”...

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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS		
Name	CAS Number	Function of Chemical
Water	7732-18-5	Solvent
Enzyme Ferment Blend	Proprietary	Catalyst
Phosphoric Acid	7664-38-2	Descaler
Citric Acid Powder	77-92-9	Builder
Glycol Ether EB	112-34-5	Solvent
Gluconic Acid	526-95-4	Chelating Agent
Triethanolamine	102-71-6	pH Adjuster
Nonylphenol Ethoxylate	68412-53-3	Surfactant
D&C Yellow #8	N/A	Colorant

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SECTION 4 – FIRST AID MEASURES	
<b>Eye Contact:</b>	Immediately flush with cool water for at least 20 minutes. Seek medical attention immediately.
<b>Skin Contact:</b>	Immediately wash skin with soap and water for at least 20 minutes while removing contaminated clothing. Seek medical attention if irritation persists.
<b>Ingestion:</b>	<b>Do NOT induce vomiting.</b> Drink cool water. Transport to an emergency medical center. Never give anything by mouth to an unconscious person.
<b>Inhalation:</b>	Move victim to fresh air. Seek medical attention immediately.
SECTION 5 – FIRE FIGHTING MEASURES	
<b>Extinguishing Media:</b>	Use extinguishing measures appropriate to local circumstances and surrounding environment.
<b>Flash Point:</b>	Not applicable.
<b>Auto Ignition Temperature:</b>	Not applicable.
<b>Specific Hazards:</b>	Not flammable or combustible.
<b>Special Protective Equipment:</b>	As in any fire, wear a self-contained breathing apparatus (SCBA), approved according to NFPA / NIOSH or equivalent and full protective gear.
SECTION 6 – ACCIDENTAL RELEASE MEASURES	
<b>Personal Precautions:</b>	Keep personnel from entering spill area.
<b>Environmental Precautions:</b>	Avoid runoff into storm sewers, ditches and waterways.
<b>Methods for Containment:</b>	Contain spills with an inert absorbent material, (sand, earth, vermiculite) and place in container for disposal according to local and national regulations.
<b>Methods for Cleanup:</b>	Flush away traces with water, and clean with mop or rags.
SECTION 7 – HANDLING AND STORAGE	
<b>Handling:</b>	Use with adequate ventilation. Avoid breathing vapors, spray or mist.
<b>Storage:</b>	Store in a cool dry place. Keep partially used containers closed, and away from heat and humidity. Do not exceed storage temperature of (50°C) 120°F. Keep out of reach of children.

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SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION	
<b>Engineering Controls:</b>	Good general ventilation should be sufficient.
<b>Eye Protection:</b>	Safety glasses are required.
<b>Skin Protection:</b>	Gloves are required.
<b>Respiratory Protection:</b>	Use an approved respirator if exposure limits are exceeded.
<b>Hygiene Measures:</b>	Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES	
<b>Appearance:</b>	Liquid
<b>Color:</b>	Light Yellow
<b>Odor:</b>	Odorless
<b>pH:</b>	<1.0
<b>Specific Gravity:</b>	1.090 - 1.10
<b>Freezing Point:</b>	Not determined.
<b>Boiling Point:</b>	Not determined.
<b>Flash Point:</b>	Not determined.
<b>Water Solubility:</b>	Completely soluble.
<b>Vapor Density:</b>	Not determined.
<b>Vapor Pressure:</b>	Not determined.
<b>Evaporation Rate:</b>	Not determined.

SECTION 10 – STABILITY AND REACTIVITY	
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Hazardous Reactions:</b>	None known.
<b>Conditions to Avoid:</b>	Do not mix with strong bases or oxidants.
<b>Incompatible Materials:</b>	None known.

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SECTION 11 – TOXICOLOGICAL INFORMATION	
<b>Likely Routes of Exposure:</b>	Inhalation, eye contact and skin contact.
<b>Potential Health Effects:</b>	
<b>Eyes:</b>	Corrosive. Corneal damage, burning, redness, blurred vision.
<b>Skin:</b>	Corrosive. Severe burns, redness.
<b>Inhalation:</b>	Corrosive. Burns in respiratory tract, shortness of breath.
<b>Ingestion:</b>	Corrosive. Damages mucous membranes, severe burning of gastrointestinal tissues, nausea and intestinal pain, vomiting and possible death if swallowed.
<b>Chronic Exposure:</b>	Health injuries are not known, or expected under normal use.

SECTION 12 – ECOLOGICAL INFORMATION	
<b>Ecotoxicity:</b>	Not determined.
<b>Biodegradability:</b>	Not determined.
<b>Bioaccumulation:</b>	Not determined.

SECTION 13 – DISPOSAL CONSIDERATIONS	
<b>Waste Disposal:</b>	Dispose of in accordance with local, state and federal regulations.

SECTION 14 – TRANSPORT INFORMATION	
<b>Land Transport (DOT):</b>	Corrosive Liquid, Phosphoric Acid Solution, 8, UN 1805, PG III
<b>Sea Transport (IMDG/IMO):</b>	Corrosive Liquid, Phosphoric Acid Solution, 8, UN 1805, PG III
<b>Air Transport (IATA):</b>	Corrosive Liquid, Phosphoric Acid Solution, 8, UN 1805, PG III

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SECTION 15 – REGULATORY INFORMATION	
<b>TSCA Inventory:</b>	All components are listed.
<b>CERCLA:</b>	Does not contain any components with reportable quantities.
<b>SARA 302:</b>	None.
<b>SARA 311/312</b>	
<b>Hazards:</b>	Acute health hazard.
<b>California Prop 65:</b>	None.

SECTION 16 – ADDITIONAL INFORMATION	
<b>Date of Preparation:</b>	11-January-2011
<b>Date of Last Revision:</b>	17-August-2020

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. The stated SDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. SDS authored by Enzyme Solutions Incorporated.

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