


Section 1:		IDENTIFICATION		
Product Name:		Evapo-Rust® Gel		
Additional Names:		None		
Manufacturer's Part Number: ER088		<i>Various see section 16</i>		
Recommended Use:		Rust removal		
Restrictions on Use:		None known		
Company:	Harris International Laboratories Inc 2078 Ford Ave. Springdale AR 72764.	Telephone:	888.329.9877 • 479.756.98770	
Fax:		479.927.3202		
Email:		info@evapo-rust.com		
Emergency Phone:		888.329.9877		
Section 2:		HAZARDS IDENTIFICATION		
This product is not classified as hazardous under 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200).				
<i>OSHA HCS 2012</i>				
<i>Label Elements</i>				
Signal Word:	Warning			Hazard Symbol(s)/Pictogram(s):
Hazard Statements: Causes Eye irritation				
Precautionary Statements: Causes eye irritation				
Hazards Not Otherwise Classified (HNOC): None		Eye irritation (Category 2A)		
Other Information: None Known				
Section 3:		COMPOSITION/INFORMATION ON INGREDIENTS		
<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>		
Water	7732-18-5	72		
2,2',2''-nitriлотris[ethanol] phosphate, polymer	10017-56-8	24		
Sodium Citrate	6132-04-3	4		
		<i>*specific percentages of composition are being withheld as a trade secret</i>		
Section 4:		FIRST-AID MEASURES		
Inhalation:	Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.			
Skin Contact:	Not expected to cause skin irritation. If adverse effect occurs, rinse skin with water.			
Eye Contact:	Causes eye irritation. If adverse effect occurs, flush eyes with water.			
Ingestion:	May cause upset stomach. Drink plenty of water to dilute. See section 11.			
Most Important Symptoms/Effects, Acute and Delayed:	Eye irritation and redness			

Safety Data Sheet: Evapo-Rust® Gel Date: July 12, 2018		Version No. 2017a Issue Supersedes Date: None <small>OSHA HCS-2012 / GHS</small>		Page 2 of 5	
Section 5:		FIRE-FIGHTING MEASURES			
Suitable & Unsuitable Extinguishing Media:		Use Dry chemical, CO2, water spray or "alcohol" foam. Avoid high volume jet water.			
Specific Hazards Arising from Chemical:		In event of fire, fire created carbon oxides may be formed.			
Special Protective Actions for Fire-Fighters:		Wear positive pressure self-contained breathing apparatus and full protective clothing.			
<i>This product is non-flammable. See Section 9 for Physical Properties.</i>					
Section 6:		ACCIDENTAL RELEASE MEASURES			
Personal Precautions, Protective Equipment and Emergency Procedures:					
<i>For non-emergency personnel:</i> See section 8 – personal protection.					
Environmental Precautions: Do not allow into open waterways and ground water systems.					
Methods and Materials for Containment and Clean Up: Dike or soak up with inert absorbent material. See section 13 for disposal considerations.					
Section 7:		HANDLING AND STORAGE			
Precautions for Safe Handling: Ensure adequate ventilation. Keep out of reach of children. Keep away from heat, sparks, open flame and direct sunlight. Do not pierce any part of the container. Do not mix or contaminate with any other chemical. Do not eat, drink or smoke while using this product.					
Conditions for Safe Storage including Incompatibilities: Keep container tightly closed. Keep in cool dry area. Avoid prolonged exposure to sunlight. Do not store at temperatures above 95°F (35°C) or freezing temperatures.					
Section 8:		EXPOSURE CONTROLS / PERSONAL PROTECTION			
Exposure Limit Values:		No components listed with TWA or STEL values under OSHA or ACGIH.			
Appropriate Engineering Controls:		Showers, eyewash stations, ventilation systems			
Individual Protection Measures / Personal Protective Equipment (PPE)					
Eye Contact:		Use protective glasses or safety goggles if splashing or spray-back is likely.			
Respiratory:		Use in well ventilated areas or local exhaust ventilations when cleaning small spaces.			
Skin Contact:		Use protective gloves (any material) when used for prolonged periods or dermally sensitive.			
General Hygiene Considerations:		Wash thoroughly after handling and before eating or drinking.			
Section 9:		PHYSICAL AND CHEMICAL PROPERTIES			
Appearance:	White gel	Partition Coefficient: n-octanol/water:	Not determined		
Odor:	slight	Autoignition Temperature:	Non-flammable		
Odor Threshold:	Not determined	Decomposition Temperature:	NA		
pH:	2.0 – 3.0	Viscosity:	10000 cps		
Freezing Point:	0°C (32°F)	Specific Gravity:	1.05		
Boiling Point & Range:	101°C (213.8°F)	VOCs:	0.0		
Flash Point:	> 212°F	SCAQMD 304-91 / EPA 24:	Not tested		
Evaporation Rate:	As water	CARB Method 310**:	1.2 g/L	0.010 lb/gal	0.12%
Flammability (solid, gas):	Not applicable	SCAQMD Method 313:	Not tested		
Upper/Lower Flammability	Not applicable	VOC Composite Partial Pressure:	Not determined		
Vapor Pressure:	Not determined	Relative Density:	8.26 – 8.42 lb/gal		
Vapor Density:	Not determined	Solubility:	100% in water		

Date: July 12, 2018

Supersedes Date: None OSHA HCS-2012 / GHS

Section 10:		STABILITY AND REACTIVITY	
Reactivity:	Avoid strong bases		
Chemical Stability:	Stable under normal conditions 70°F (21°C) and 14.7 psig (760 mmHg).		
Possibility of Hazardous Reactions:	None known.		
Conditions to Avoid:	Excessive heat or cold.		
Incompatible Materials:	Do not mix with oxidizers or bases.		
Hazardous Decomposition Products:	Normal products of combustion - CO, CO ₂ .		
Section 11:		TOXICOLOGICAL INFORMATION	
Likely Routes of Exposure:	Inhalation -	Not expected to cause irritation	
Skin Contact -		May cause irritation, repeated contact may cause dry skin.	
Eye Contact -		Causes irritation and redness.	
Ingestion -		May cause upset stomach.	
<i>Symptoms related to the physical, chemical and toxicological characteristics: no symptoms expected under typical use conditions.</i>			
<i>Delayed and immediate effects and or chronic effects from short term exposure: no symptoms expected under typical use conditions.</i>			
<i>Delayed and immediate effects and or chronic effects from long term exposure: headache, dry skin, or skin irritation may occur.</i>			
Acute Toxicity:	Oral LD ₅₀ (rat)	> 5 g/kg body weight	Dermal LD ₅₀ (rabbit) > 5 g/kg body weight
<small>Calculated via OSHA HCS 2012 / Globally Harmonized System of Classification and Labelling of Chemicals</small>			
Skin Corrosion/Irritation:	Non-irritant per Dermal Irritation® assay modeling.		
Eye Damage/Irritation:	Eye irritant - GHS Eye Category 2B		
Germ Cell Mutagenicity:	Mixture does not classify under this category.		
Carcinogenicity:	Mixture does not classify under this category.		
Reproductive Toxicity:	Mixture does not classify under this category.		
STOT-Single Exposure:	Mixture does not classify under this category.		
STOT-Repeated Exposure:	Mixture does not classify under this category.		
Aspiration Hazard:	Mixture does not classify under this category.		
Section 12:		ECOLOGICAL INFORMATION	
Ecotoxicity:	Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System		
Aquatic:	Not tested on finished formulation.		
Terrestrial:	Not tested on finished formulation.		
Persistence and Degradability:	Readily Biodegradable based on biodegradation profile of ingredients		
Bioaccumulative Potential:	No data available.		
Mobility in Soil:	No data available.		
Other Adverse Effects:	No data available.		
Section 13:		DISPOSAL CONSIDERATIONS	
Unused or Used Liquid:	check with local, regional, and or national regulations for appropriate methods of disposal.		

Section 13:		DISPOSAL CONSIDERATIONS - continued	
Empty Containers: May be offered for recycling.			
Never dispose of used de-rusting rinsates into lakes, streams, and open bodies of water or storm drains.			
Section 14:		TRANSPORT INFORMATION	
U.N. Number:	Not applicable	U.N. Proper Shipping Name:	Cleaning Compound, Liquid NOI
Transport Hazard Class(es):	Not applicable	NMFC Number:	48580-3
Packing Group:	Not applicable	Class:	55
Environmental Hazards:		Marine Pollutant - NO	
Transport in Bulk (according to Annex II of MARPOL 73/78 and IBC Code):		Unknown.	
Special precautions which user needs to be aware of/comply with, in connection with transport or conveyance either within or outside their premises:		None known.	
U.S. (DOT) / Canadian TDG:	Not Regulated for shipping.	ICAO/ IATA:	Not classified as Hazardous
IMO / IDMG:	Not classified as Hazardous	ADR/RID:	Not classified as Hazardous
Section 15:		REGULATORY INFORMATION	
All components are listed on:		TSCA and DSL Inventory.	
SARA Title III:		Sections 311/312 Hazard Categories – Not applicable.	
Sections 313 Superfunds Amendments and Reauthorizations Act of 1986 – Not applicable.			
Sections 302 – Not applicable.			
Clean Air Act (CAA):		Not applicable	
Clean Water Act (CWA):		Not applicable	
CERCLA:		Not applicable	
State Right To Know Lists:		No ingredients listed	
California Proposition 65:		No ingredients listed	
Section 16:		OTHER INFORMATION	
Size	Item Number	UPC	

Section 16: continued

OTHER INFORMATION

PREPARER:

Questions about the information found on this MSDS should be directed to:

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