Section 1:		**IDENTIFICATION**	
Product Name:		**Rust-Ex Heavy Duty Rust Remover**	
Additional Names:		None	
Manufacturer's Part Number:		*80-1022*	
Recommended Use:		Rust removal	
Restrictions on Use:		None known	
Company:	Kimball Midwest 4800 Roberts Road Columbus, OH 43228	**Telephone:**	800-233-1294
Fax:		479.927.3202	
Email:			
Emergency Phone:		Chemtrec 800-424-9300	

Section 2:	**HAZARDS IDENTIFICATION**		
This product is not classified as hazardous under 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200).			
OSHA HCS 2012			
Label Elements			
Signal Word:	None	**Hazard Symbol(s)/Pictogram(s):**	None required
Hazard Statements: None			
Precautionary Statements: None			
Hazards Not Otherwise Classified (HNOC): None			
Other Information: None Known			

Section 3:	**COMPOSITION/INFORMATION ON INGREDIENTS**	
Ingredient	**CAS Number**	**Percent Range**
Water	7732-18-5	> 83%*
Proprietary non-hazardous chelating agent	Proprietary	< 16%*
Proprietary non-hazardous detergent	Proprietary	< 1%*
		**specific percentages of composition are being withheld as a trade secret*

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:	Not expected to cause 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:	None known.
Indication of Immediate Medical Attention and Special Treatment Needed, if necessary: Treat symptomatically	

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.

This product is non-flammable. See Section 9 for Physical Properties.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

For non-emergency personnel: 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:	Clear to yellow liquid	**Partition Coefficient: n-octanol/water:**	Not determined
Odor:	slight	**Autoignition Temperature:**	Non-flammable
Odor Threshold:	Not determined	**Decomposition Temperature:**	95°F
pH:	6.0 – 7.0	**Viscosity:**	Like water
Freezing Point:	0°C (32°F)	**Specific Gravity:**	1.04
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

Section 10: STABILITY AND REACTIVITY

Reactivity:	Non-reactive.
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, acids, bathroom cleaners, or disinfecting agents.
Hazardous Decomposition Products:	Normal products of combustion - CO, CO2.

Section 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Inhalation -	Not expected to cause irritation
Skin Contact -		Not expected to cause irritation, repeated contact may cause dry skin.
Eye Contact -		Not expected to cause irritation.
Ingestion -		May cause upset stomach.

Symptoms related to the physical, chemical and toxicological characteristics: no symptoms expected under typical use conditions.

Delayed and immediate effects and or chronic effects from short term exposure: no symptoms expected under typical use conditions.

Delayed and immediate effects and or chronic effects from long term exposure: headache, dry skin, or skin irritation may occur.

Acute Toxicity: Oral LD_{50} (rat) > 5 g/kg body weight Dermal LD_{50} (rabbit) > 5 g/kg body weight

Calculated via OSHA HCS 2012 / Globally Harmonized System of Classification and Labelling of Chemicals

Skin Corrosion/Irritation:	Non-irritant per Dermal Irritection® assay modeling.
Eye Damage/Irritation:	Non-irritant per Ocular Irritection® assay modeling (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 degreasing 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
32 oz Silver		899303000325
32 oz Silver Canada		899303002329
128 oz (1 gal) Canada		899303002015
128 oz (1 gal)		899303000011
3.5 gal with strainer		899303000042
3.5 gal with strainer french		899303000035
5 gal		899303000059
55 gal		899303000554
275 gal tote		NA
330 gallon tote		NA

Section 16: continued	**OTHER INFORMATION**

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National Stock Numbers (NSN's)

4 x 1 Gallon Case:	6850-01-498-3625

DISCLAIMER: The information provided with this SDS is furnished in good faith and without warranty of any kind. Personnel handling this material must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of this material and the safety and health of employees and customers. The supplier assumes no additional liability or responsibility resulting from the use of, or reliance on this information.