Safety Data Sheet

C K Enterprises, Inc.
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Section 1. Chemical Product and Company Identification

Product Name	K-Brite HCL
Product Use	Rust and Scale Remover
Product Code	1700
Date of Issue	11/6/2026
Supersedes	10/5/2020

Emergency Telephone Numbers
CHEMTREC 1-800-424-9300 Account 4914
(For emergencies involving a spill, leak, fire, exposure or accident involving chemicals)

Section 2. Hazards Identification

Emergency Overview

DANGER



Health Hazards

Acute Toxicity; Oral, Inhalation	Category 4
Skin Corrosion/Irritation	Category 1
Serious eye damage/ eye irritation	Category 1

Precautionary Statements:

P260	Do not breathe in mist/vapors/spray/fumes
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when handling product
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves, clothing and eye protection
P301+P330+P331+P312	IF SWALLOWED: Rinse mouth. Do not induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
P303+P361+P353	IF ON SKIN (or hair): Remove all contaminated clothing immediately. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove victim to fresh air and keep in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310	Immediately call a poison center or physician
P363	Wash all contaminated clothing before reuse
P405	Store locked up
P501	Dispose of in accordance with all federal, state and local regulations

Hazard Statements:

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H332	Harmful if inhaled

Routes of Entry **Dermal, Oral, and Inhalation**

Acute Effects:

Eyes	Causes serious eye damage, including blindness and corneal damage depending on duration of contact
Skin	Can cause severe burns
Inhalation	Causes irritation and burns to respiratory tract. Excessive exposure may cause severe irritation and injury to respiratory tract and lungs. May cause serious adverse effects, even death.
Ingestion	Corrosive to the mucous membranes of the mouth, throat, esophagus, and stomach. Causes burns, nausea, and vomiting with gastrointestinal disorder. Can be fatal if swallowed.

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS Number	% by Weight
Hydrochloric Acid	7647-01-0	<40

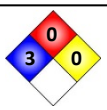
Section 4. First Aid Measures

Eye Contact Flush immediately and continuously with clean water for at least 30 minutes. Seek immediate medical attention.
Skin Contact Remove contaminated clothes. Flush well with water for at least 30 minutes. Get immediate medical help.

Inhalation Remove person to fresh air. Begin CPR if breathing has stopped and seek medical attention immediately.
Ingestion Do not induce vomiting. If conscious give several glasses or water. Never give anything to an unconscious person orally. Seek immediate medical attention.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A)
(estimated rating)



Hazardous Combustion Products N/A
Extinguishing Media Media applicable to surrounding fire
Unsuitable Extinguishing Media N/A
Fire Fighting Procedures Use a self-contained breathing apparatus.
Unusual Fire and Explosion Hazards Upon prolonged contact this product will react with most metals such as aluminum, tin, copper, brass and zinc to produce flammable, explosive hydrogen gas.

Section 6. Accidental Release Measures

Spill Clean Up All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water.

Section 7. Handling and Storage

Handling and Storage Keep container tightly closed when not in use. Store in a cool, dry, well-ventilated place away from incompatible materials. Do not use pressure to empty container. Wash thoroughly after handling. Keep out of the reach of children. Have eyewash accessible to use in handling area.

Section 8. Exposure Controls/Personal Protection

Exposure Limits

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Hydrochloric Acid (7647-01-0)	5ppm	5ppm		2ppm

Engineering Controls Local exhaust is normally adequate. Use mechanical ventilation if build-up of mist or vapors is likely.



Personal Protective Equipment (PPE)

Eyes Chemical splash goggles, face shield or full face respirator if vapor exposure causes eye irritation
Body Rubber or neoprene gloves; impervious protective clothing, rubber boots, full body suit or apron
Respiratory Use NIOSH approved respirator if exposure limits are reached or exceeded

Section 9. Physical and Chemical Properties

Physical State	Liquid	**Explosive Limits**	N/A
Color	White to yellow clear	**Vapor Pressure**	Not determined
Odor	Pungent odor	**Vapor Density**	N/A
Odor Threshold	Not determined	**Relative Density**	N/A
pH	N/A	**Solubility**	Complete
Freezing Point	Not determined	**Partition Coefficient**	N/A
Boiling Point	178°F	**Auto-Ignition Temp.**	N/A
Flash Point	Not combustible	**Decomposition Temp.**	Not determined
Evaporation Rate	Not determined	**Viscosity**	Not determined
Flammability	Non-Flammable	**Specific Gravity**	1.16

Section 10. Stability and Reactivity

Stability and Reactivity	Stable
Incompatibility	Bases and corrosive materials, contact with most metals, and oxidizing material; can oxidize to chlorine
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	Flammable and explosive hydrogen gas can be liberated
Conditions to Avoid	N/A

Section 11. Toxicological Information

Routes of Entry	Dermal, Oral, and Inhalation
Symptoms	Irritation to burns depending on duration of contact
Skin Irritant	Yes
Eye Irritant	Yes
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	Hydrochloric Acid: IARC Group 3 (not classifiable as a human carcinogen)
Reproductive Toxicity	No information found
Target Organs	None

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate using the additive formula (ATE) has been determined.

Acute Toxicity

Test	Results	Basis
Dermal	5,010 mg/kg	ATE determined beyond Category 4
Oral	700 mg/kg	ATE determined Category 4
Inhalation	3,124 ppm	ATE determined Category 4

Section 12. Ecological Information

Environmental Effects No ecological information available

Section 13. Disposal Considerations

Waste Information Dispose of in accordance with all Federal, State and Local pollution control regulations.

Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	UN1789	Hydrochloric Acid Solution	8	PGII	CORROSIVE

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

US Federal Regulations The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313: None

The following substances have CERCLA reportable quantity values (in pounds):

Hydrochloric Acid **7647-01-0** **5,000**

State Regulations None

Section 16. Other Information

Last Revision 11/6/2026

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.