

# Safety Data Sheet



C K Enterprises, Inc.  
1204 SW Jefferson Street  
Lee's Summit, Missouri 64081-9899  
(816) 524-1304

## Section 1. Chemical Product and Company Identification

**Product Name** Cleaner 425-C  
**Product Use** Self-Foaming Heavy Duty Cleaner  
**Product Code** 8300  
**Date of Issue** 6/16/2017  
**Supersedes** 6/30/2016

### Emergency Telephone Numbers

**CHEMTREC- 1-800-424-9300**

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

## Section 2. Hazards Identification

### Emergency Overview

**DANGER**



### Health Hazards

Acute Toxicity; Oral	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 using this product.
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.
P330	Do NOT induce vomiting.
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

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

### Acute Effects:

<b>Eyes</b>	Causes irritation to serious eye damage including blindness. Severity increases with duration of contact.
<b>Skin</b>	Causes irritation to burns depending on duration of contact.
<b>Inhalation</b>	If corrosive to the nose, throat, mouth, and mucous membranes.
<b>Ingestion</b>	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**

<b>Name of Hazardous Ingredients</b>	<b>CAS Number</b>	<b>% by Weight</b>
Sodium Hydroxide	1310-73-2	<45
Potassium Hydroxide	1310-58-3	<8
Sodium Gluconate	527-07-1	5-10

**Section 4. First Aid Measures**

<b>Eye Contact</b>	Flush immediately with plenty of water for 15 minutes, holding eyelids apart. Seek immediate medical attention.
<b>Skin Contact</b>	If irritation occurs, flush with plenty of clean water. Use soap if available. Remove contaminated clothing; wash before reuse. Seek medical attention if rash occurs, or if irritation continues.
<b>Inhalation</b>	Remove to fresh air. Begin CPR if breathing has stopped and seek immediate medical attention.
<b>Ingestion</b>	Do not induce vomiting. Give several glasses of 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)



<b>Hazardous Combustion Products</b>	N/A
<b>Extinguishing Media</b>	Media applicable to surrounding fire
<b>Unsuitable Extinguishing Media</b>	N/A
<b>Fire Fighting Procedures</b>	Wear personal protective equipment. Use water spray to cool fire-exposed containers.

**Section 6. Accidental Release Measures**

<b>Spill Clean Up</b>	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**

<b>Handling and Storage</b>	Keep container tightly closed when not in use. Store in a warm dry place and away from strong acids. Do not get solution on hands, skin or in eyes; 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**

<b>Product Name</b>	<b>OSHA PEL</b>	<b>NIOSH REL</b>	<b>AIHA WEEL</b>	<b>ACGIH TLV</b>
Sodium Hydroxide (1310-73-2)	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>		2mg/m <sup>3</sup>
Potassium Hydroxide (1310-58-3)		2mg/m <sup>3</sup>		2mg/m <sup>3</sup>

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

**Personal Protective Equipment (PPE)**

<b>Eyes</b>	Chemical splash goggles and face shield
<b>Body</b>	Rubber or neoprene gloves; rubber boots and alkali slicker suit
<b>Respiratory</b>	Use NIOSH approved respirator if TLV are reached or exceeded

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid	<b>Explosive Limits</b>	N/A
<b>Color</b>	Clear to Light Brown	<b>Vapor Pressure</b>	N/A
<b>Odor</b>	N/A	<b>Vapor Density</b>	N/A
<b>Odor Threshold</b>	N/A	<b>Relative Density</b>	N/A
<b>pH</b>	13-14	<b>Solubility</b>	Complete
<b>Freezing Point</b>	N/A	<b>Partition Coefficient</b>	N/A
<b>Boiling Point</b>	Not determined	<b>Auto-Ignition Temp.</b>	N/A
<b>Flash Point</b>	Not combustible	<b>Decomposition Temp.</b>	N/A
<b>Evaporation Rate</b>	Less than 1	<b>Viscosity</b>	N/A
<b>Flammability</b>	Non-Flammable	<b>Specific Gravity</b>	1.455-1.475

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	Stable
<b>Incompatibility</b>	Acids, combustible materials, aluminum, tin, brass and bronze
<b>Hazardous Polymerization</b>	Will not occur
<b>Hazardous Decomposition Products</b>	Generates hazardous mist at boiling point. Flammable and explosive hydrogen gas can be liberated upon prolonged contact with the above listed metals.
<b>Conditions to Avoid</b>	N/A

**Section 11. Toxicological Information**

<b>Routes of Entry</b>	Dermal, Oral and Inhalation
<b>Symptoms</b>	Irritation to burns
<b>Skin Irritant</b>	Yes
<b>Eye Irritant</b>	Yes
<b>Sensitizers</b>	Not determined
<b>Mutagenicity</b>	No information found
<b>Carcinogenicity</b>	None
<b>Reproductive Toxicity</b>	No information found
<b>Target Organs</b>	See section 2

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
<b>Dermal</b>	No data	
<b>Oral</b>	436 mg/kg	ATE determined Category 4
<b>Inhalation</b>	No data	

**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	UN1824	Sodium Hydroxide 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):

<b>Sodium Hydroxide</b>	<b>1310-73-2</b>	<b>1,000</b>
<b>Potassium Hydroxide</b>	<b>1310-58-3</b>	<b>1,000</b>

**State Regulations** None

**Section 16. Other Information**

**Last Revision** 6/16/2017

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.