

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 CK Battery Kare
Product Use Battery Terminal Cleaner with Indicator
Product Code 6854-A20
Date of Issue 1/6/16
Supersedes -

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

WARNING



Health Hazards

Acute Toxicity

Skin Corrosion/Irritation

Serious eye damage/ eye irritation

Category 2

Category 2A

Precautionary Statements:

P251 Do not pierce or burn, even after use
P264 Wash hands thoroughly after handling
P271 Use outdoors or in a well-ventilated area
P280 Wear protective gloves, clothing and eye protection
P302+P352 IF ON SKIN: Wash with plenty of soap and water
P304+P340+P312 IF INHALED: Remove victim to fresh air and keep in a recovery position comfortable for breathing. Call a poison center or physician if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P312 Call a poison center or physician if you feel unwell
P332+P313 IF skin irritation occurs: Get medical advice/attention
P337+P313 IF eye irritation persists: Get medical advice/attention
P362 Remove contaminated clothing and wash before reuse
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 122°F

Hazard Statements:

H215 Causes skin irritation
H319 Causes serious eye irritation
May be harmful if inhaled

Routes of Entry Dermal, Oral, and Inhalation

Acute Effects:

Eyes Causes serious eye irritation. Overexposure can cause redness and burning sensation
Skin Causes skin irritation. Overexposure can cause defatting.
Inhalation Causes irritation, headache, dizziness, nausea and loss of coordination. Overexposure can cause unconsciousness and even death.
Ingestion Nausea, vomiting and gastrointestinal distress

Section 3. Composition/Information on Ingredients

<u>Name of Hazardous Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>
Butane	106-97-8	2-5
Sodium Bicarbonate	144-55-8	2-4
2-butoxyethanol	111-76-2	1-3
Isobutane	75-28-5	1-2
Propane	74-98-6	1-2

Section 4. First Aid Measures

Eye Contact	Rinse cautiously with water for at least 15 minutes holding open eyelids. Remove contact lenses if present and easy to do. If irritation persists, get medical advice or attention.
Skin Contact	Remove all contaminated clothing; wash before reuse. Wash skin with water for at least 15 minutes. Call a poison center or doctor if you feel unwell.
Inhalation	Remove to fresh air. Call a poison center or doctor if you feel unwell.
Ingestion	Rinse mouth. Do not induce vomiting. Immediately call a poison center or physician. If vomiting occurs, lie on your side in the recovery position. Never give anything orally to an unconscious person.

Section 5. Fire Fighting Measures

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



Hazardous Combustion Products	CO and CO ₂
Extinguishing Media	Water, fog, dry chemical or carbon dioxide
Unsuitable Extinguishing Media	Water may be ineffective but can be used to cool containers
Fire Fighting Procedures	Stop spill/release if it can be done without risk. Move undamaged containers if it can be done safely. Contents under pressure. Keep away from ignition sources and open flames. Exposure to extreme heat and flames can cause them to rupture often with violent force.

Section 6. Accidental Release Measures

Spill Clean Up	Stop spill/release if it can be done without risk. Prevent spilled material from entering sewers, storm drains and waterways. Eliminate all ignition sources. Avoid contact with spilled material. Do not touch or walk through spilled material. Clean up immediately. Use absorbent sweeping compound to soak up material and put into suitable container for disposal.
-----------------------	---

Section 7. Handling and Storage

Handling and Storage	For industrial use only. Keep away from children. Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe in vapors. Do not eat, drink or smoke while using product. Store in a cool, dry place. Protect from sunlight. Empty containers retain residue that may be dangerous.
-----------------------------	---

Section 8. Exposure Controls/Personal Protection

Exposure Limits

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
2-butoxyethanol (111-76-2)	50ppm	5ppm	-	20ppm
Propane (74-98-6)	1,000ppm	1,000ppm	-	2,500ppm
Butane (106-97-8)	-	800ppm	-	1,000ppm
Isobutane (75-28-5)	-	800ppm	-	-

Engineering Controls	Use in a well-ventilated area
-----------------------------	-------------------------------



Personal Protective Equipment (PPE)

Eyes Chemical splash goggles
Body Rubber or neoprene gloves, long sleeved shirt and pants
Respiratory Use a NIOSH approved respirator if TLV are reached or exceeded

Section 9. Physical and Chemical Properties

Physical State	Aerosol	Explosive Limits	Upper: 9.5	Lower: 1.8
Color	Clear	% VOC	8.935%	
Odor	Characteristic odor	Vapor Density	Slower than ether	
Odor Threshold	N/A	Density	8.05910 lb/gal	
pH	8.75	Solubility	Soluble	
Freezing Point	N/A	Partition Coefficient	N/A	
Boiling Point	High: 212°F Low: 0°F	Auto-Ignition Temp.	N/A	
Flash Point	N/A	Decomposition Temp.	N/A	
Evaporation Rate	Slower than ether	Viscosity	N/A	
Flammability	Not flammable	Specific Gravity	N/A	

Section 10. Stability and Reactivity

Stability and Reactivity	Stable
Incompatibility	None known
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	CO and CO ₂
Conditions to Avoid	High temperatures

Section 11. Toxicological Information

Routes of Entry	Dermal, oral and inhalation
Symptoms	See section 2
Skin Irritant	Yes
Eye Irritant	Yes
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	Group 3 (IARC): 2-butoxyethanol (111-76-2)
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	18,372mg/kg	ATE determined beyond Category 4
Oral	135,750mg/kg	ATE determined beyond Category 4
Inhalation	21,390ppm	ATE determined beyond 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	-	Consumer Commodity	ORM-D	-	None

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:

2-butoxyethanol	111-76-2	1-3%
-----------------	----------	------

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

None

State Regulations None

Section 16. Other Information

Last Revision 1/6/16

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.