

Safety Data Sheet



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Section 1. Chemical Product and Company Identification

Product Name CK Foaming Coil Cleaner
Product Use Coil Cleaner
Product Code 6943-A20
Date of Issue 5/19/2016
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

Skin Corrosion/Skin Irritation

Category 2

Serious Eye Damage/ Eye irritation

Category 2A

Precautionary Statements:

P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P251 Do not pierce or burn, even after use.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/ Protective clothing/eye protection and face protection
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P362 Take off contaminated clothing and wash before reuse.
P332+P313 IF SKIN irritation occurs: Get medical advice/attention.
P337+P313 IF eye irritation occurs: Get medical advice/attention.
P405 Store locked up.
P412 Do not expose to temperatures exceeding 50°C/122°F
P501 Dispose of contents and containers in accordance with all local, regional, national and international regulations

Hazard Statements:

H229 Pressurized container: May burst if heated
H315 Causes skin irritation
H319 Causes serious eye irritation

Routes of Entry Dermal, Oral.

Acute Effects:

Eyes Overexposure can cause redness and burning sensation
Skin Overexposure can cause defatting of the skin and dryness.
Inhalation May cause irritation in the upper respiratory tract
Ingestion If ingested in large quantities may cause nausea, vomiting and gastrointestinal distress

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS Number	% by Weight
Butane	106-97-8	2-3
2-butoxyethanol	111-76-2	2-3
Propane	74-98-6	0.1-2.5
Isobutane	75-28-5	0.1-2.4
Silicic Acid, Disodium Salt, Pentahydrate	10213-79-3	0.1-1.9

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. Continue rinsing. 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 person to fresh air and keep comfortable for breathing. 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 exposed to heat or flame
Fire Fighting Procedures	Stop spill/release if it can be done without risk. Move undamaged containers if it can be done safely. Wear self containing breathing apparatus and full turn out gear. 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	Wear personal protective equipment. 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. Wear suitable personal equipment when handling spills.
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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. Use only in areas with adequate ventilation. Keep away from sources of ignition. Do not cut, grind, weld, drill or perform similar tasks on or near container. Store at temperatures below 120°F.
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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

Isobutane (75-28-5)		800ppm		1,000ppm
Propane (74-98-6)	1,000ppm	1,000ppm		
Butane (106-97-8)		800ppm		1,000ppm

Engineering Controls Use in a well-ventilated area

Personal Protective Equipment (PPE)

- Eyes** Wear safety glasses and safety splash goggles. Contact lenses may absorb chemicals. Particles may adhere to lenses and cause damage to eyes.
- Body** Wear neoprene or nitrile rubber gloves, long sleeve shirt and long pants. Wear protective clothing to minimize skin contact.
- Respiratory** Use a NIOSH approved respirator if TLV are reached or exceeded. When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

Section 9. Physical and Chemical Properties

Physical State	Aerosol	Explosive Limits	N/A
Color	Clear	% VOC	4.99981%
Odor	Characteristic odor	Vapor Density	Slower than ether
Odor Threshold	N/A	Density	6.67638 lb/gal
pH	N/A	Solubility	N/A
Freezing Point	N/A	Partition Coefficient	N/A
Boiling Point	N/A	Auto-Ignition Temp.	N/A
Flash Point	N/A	Decomposition Temp.	N/A
Evaporation Rate	Slower than ether	Viscosity	N/A
Flammability	Will not burn	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, sparks and open flames

Section 11. Toxicological Information

Routes of Entry	Dermal, oral and inhalation
Symptoms	See section 2
Skin Irritant	Causes mild skin irritation. Overexposure will cause defatting of the skin
Eye Irritant	Causes serious eye irritation: Overexposure will cause redness and burning sensation
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	2-butoxyethanol (111-76-2) IARC: Group 3 (not classifiable as to its carcinogenicity to humans)
Reproductive Toxicity	No information found
Target Organs	None

Acute Toxicity

2-butoxyethanol (111-76-2)

Oral	LD50 (oral, rat) 470mg/kg
Inhalation	LC50 (inhalation, female rat) 450ppm (4-hour)
Dermal	LD50 (dermal, male rabbit) 406mg/kg

Isobutane (75-28-5)

Inhalation	LC50 (inhalation, rat) 570,000ppm (2-hour)
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Butane (106-97-8)

Inhalation	LC50 (inhalation, mouse) 680,000mg/m ³ (2-hour)
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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	1-2%
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The following substances have CERCLA reportable quantity values (in pounds):

None

The following substance has **CAA 112(r) TQ**:

Butane	106-97-8	10000lbs
Propane	74-98-6	10000lbs
Isobutane	75-28-5	10000lbs

State Regulations None

Section 16. Other Information

Last Revision 5/19/2016

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.