

Section 1 Identification

Trade Name: Coil Brite
Product Identification: GCB911
Synonyms: Water-based alkali detergent
Product Use Description: Cleaner/Degreaser

General Info Phone: 844-350-1550
 Emergency Phone: (800)255-3924
 Date Prepared: 07/07/2015

Supplier:
Homeland Industrial Supply
 3045 McCann Farm Drive, Unit 102
 Garnet Valley, PA 19060

Section 2 Hazards Identification



Corrosive

Signal Word: Danger

Hazard Statements

Physical Hazards	ABCH100	Keep out of reach of children.
Physical Hazards	ABCH101	Read label and SDS before use.
Environmental Haz	H314	Causes severe skin burns and eye damage
Health Hazards	H290	May be corrosive to metals

Precautionary Statements

Prevention	ABC19	Do not breathe mists.
Hazards Not Oth	ABC30	Not applicable
Disposal	P501	Dispose of contents and container in accordance with all local, regional, and national regulations.
Prevention	P280	Wash hands thoroughly after handling.
Prevention	ABC3	Wear protective gloves and clothing.
Prevention	ABC4	Wear eye and face protection.
Prevention	P234	Keep only in original container.
Response	P301 + P33	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Response	P303 + P36	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with soap and water/shower.
Response	P363	Wash contaminated clothing before reuse.
Response	P305 + P35	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Response	ABC37	Immediately call a poison center or a physician.
Response	P304 + P34	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Response	P310	Immediately call a poison center or a physician.
Response	P390	Absorb spillage to prevent material damage.
Storage	P405	Store locked up.
Storage	P406	Store in corrosive resistant plastic container.

Classifications

Skin corrosion - Category 1
 Eye Damage - Category 1
 Corrosive to Metals

Section 3 Composition

<u>Chemical Name</u>	<u>CAS #</u>	<u>EC #</u>	<u>Reach #</u>	<u>Concentration % by Weight</u>
Sodium Metasilicate	6834-92-0			>=1 <= 5
Trisodium Phosphate	7601-54-9			>=1 <= 5
2-butoxyethanol	111-76-2			>=1 <= 5
Potassium Hydroxide	1310-58-3			>=1 <= 5

Section 4 First Aid

EMERGENCY OVERVIEW

DANGER. May be harmful if swallowed. Causes severe skin burns and eye damage. May cause respiratory irritation.

EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Immediately call a poison center or a physician.

SKIN: Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water/shower. If skin irritation persists get medical attention.

INHALATION: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or a doctor.

INGESTION: Rinse mouth. Do not induce vomiting. Seek medical attention immediately.

Section 5 Fire Fighting Measures**Suitable fire extinguishing media:**

Use water spray, fog or foam.

Specific hazards arising from the chemical:

Containers may build pressure and rupture.

Hazardous thermal decomposition products:

Carbon Dioxide, Carbon Monoxide

Specific fire-fighting methods:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire fighters:

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

Section 6 Accidental Release Measures

Personal precautions:

Put on appropriate personal protective equipment (see section 8)

Environmental precautions and clean-up methods:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

Section 7 Handling and Storage

Do not use or store near heat, sparks or open flame. Store in a cool, dry place. Do not get in eyes, on skin or on clothing. Avoid breathing sprays. Keep out of reach of children.

Section 8 Exposure Controls/Personal Protection

Ingredient	Exposure Form	Exposure Value	Exposure Notes
<u>ACGIH TLV</u>			
Sodium Metasilicate	10 mg/m3		
2-butoxyethanol	20 ppm		
Potassium Hydroxide	2 mg/m3		
<u>OSHA PEL</u>			
Sodium Metasilicate	15 mg/m3		
Potassium Hydroxide	2 mg/m3		
2-butoxyethanol	25 ppm (skin)		

Eye Protection: Wear safety glasses or goggles.

Skin Protection: Wear impervious gloves (made from rubber, nitrile or neoprene), clothing, and boots.

Respiratory Protection: When respiratory protection is required, use an organic vapor & particulate cartridge. All respiratory programs must meet OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements.

Engineering Controls: Good general ventilation required.

Section 9 Physical and Chemical Properties

<u>Property</u>	<u>Value</u>
Appearance	CLEAR LIQUID
Auto Ignition Temp	NOT AVAILABLE
Boiling Point	NOT AVAILABLE
Color	PURPLE
Decomposition Temperature	NOT AVAILABLE
Evaporation Rate	NOT AVAILABLE
Explosive Limit Ranges	NOT AVAILABLE
Explosive Properties	NOT AVAILABLE
Flash Point	NONE
Melting/Freezing Point	NOT AVAILABLE
Odor	BUTYL
Odor Threshold	NOT AVAILABLE
Other Information	VOC content (wt. %): 3.1
Oxidizing Properties	NOT AVAILABLE
Partition Coeff	NOT AVAILABLE
Physical State	LIQUID
Relative Density	1.07
Solubility (Water)	COMPLETE
Vapor Density	NOT AVAILABLE
Vapor Pressure	NOT AVAILABLE
Viscosity	NOT AVAILABLE
pH	12-13

Section 10 Stability and Reactivity

Reactivity :	Under normal conditions of storage and use, hazardous reactions will not occur.
Chemical Stability :	Stable under normal conditions.
Hazardous Reactions :	Acids and strong oxidizers
Conditions to Avoid :	High temperatures
Decomposition Hazard :	CO, CO2

Section 11 Toxicological Information

Primary Route of Entry: Skin contact, eye contact, inhalation

Acute/Potential Health Effects:

EYES: Causes severe irritation experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva.

SKIN: Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling and possible tissue destruction.

INHALATION: High vapor concentrations may be irritating to respiratory tract.

INGESTION: May be harmful or fatal if swallowed. Corrosive. Can cause severe burns and complete tissue perforation of mucous membranes, mouth, throat and stomach.

Chronic / Long Term Effects: 2-Butoxyethanol has caused red blood cell hemolysis in lab animals and secondary injury to the liver and kidney.

Target Organ Effects: Liver, kidney, lungs and upper respiratory tract, gastrointestinal tract, eyes, skin.

Reproductive/Developmental Information: No data.

Carcinogenic Information: This material is not listed as a carcinogen by IARC, NTP or OSHA.

Acute Toxicity Values:

2-butoxyethanol: Ingestion - LD50, rat, 1300 mg/Kg; Dermal LD50, guinea pig 1400 mg/Kg; Inhalation - LC50, 1 hr, vapor, guinea pig > 3.1 mg/l

Potassium Hydroxide: Oral - LD50, rat 273 mg/Kg

Section 12 Ecological Information

2-butoxyethanol: EC50, Daphnia magna, static test, 48 h, immobilization: 1550 mg/l

Potassium Hydroxide: Fish LC50, Western mosquitofish (*Gambusia affinis*), 80 mg/l, 96 hr.

Section 13 Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

Section 14 Transport Information

UN-No: 3266

Proper Shipping Name: UN3266, CORROSIVE LIQUID, BASI

Class: 8

Packing Group:

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN number 3266

Proper shipping name Corrosive Liquid, Basic, Inorganic, n.o.s. (contains Potassium Hydroxide)

Class 8

Packing group II

Section 15 Regulatory Information (Not mandated by OSHA but part of GHS SDS Requirements)

Code	Regulation Title	Ingredient #	Report Reg	
Trade Name:	Coil Brite	SDS #:	608941L100085	Page 5 of 7
SDS ID:	SDS02590	Revision #	1	Revision Date 07/07/2015

CERCL - CERCLA RQ (40 CFR 302) Section # 302

<u>Ingredient</u>	<u>Reporting Required</u>
Potassium Hydroxide	No
Potassium Hydroxide	No

EP313 - Section 313 of Title III Section # Annex I

<u>Ingredient</u>	<u>Reporting Required</u>
2-butoxyethanol	No
2-butoxyethanol	No

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312 Hazardous Categories - 40 CFR370.2:

ACUTE (X) Chronic () Fire () Pressure () Reactive () Not Applicable ()

T.S.C.A. Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s)

D002

Section 16 Other Information

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

Specific Hazard:
Primary Health Hazard:

Disclaimer: This Manufacturer believes that the information contained in the Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

Preparation/Revision Date: 07/07/2015