

# SAFETY DATA SHEET

## 1. Identification

<b>Product Identifier</b>	<b>Cobra Clean Concentrate</b>	
<b>Other means of identification</b>		
<b>Product code</b>	BEC-6008	
<b>Recommended use</b>	Heavy duty degreaser.	
<b>Recommended restrictions</b>	Professional use only.	
<b>Manufacturer information</b>		
<b>Company name</b>	Better Emissions Company LLC	
<b>Address</b>	1373 County Road 128 Floresville, TX 78114	
<b>Telephone</b>	(210) 842-0703	
<b>Emergency phone number</b>	PERS	(800) 633-8253
	24-hour Emergency	(800) 633-8253

## 2. Hazard(s) Identification

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Serious eye damage	Category 1
	Skin irritant	Category 1
<b>Environmental hazards</b>	Not classified.	
<b>OSHA defined hazards</b>	Not listed.	
<b>Label elements</b>		



<b>Signal word</b>	<b>DANGER</b>
<b>Hazard statement</b>	Causes serious eye damage. Causes severe skin burns and eye damage
<b>Precautionary statement</b>	
<b>Prevention</b>	Do not breath dust/fumes/spray. Wash hands and exposed skin thoroughly after handling. Wear eye protection/face protection. Wear protective gloves.
<b>Response</b>	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get emergency medical help immediately. Specific treatment (see section 4 on the Safety Data Sheet). Get emergency medical help. IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Storage</b>	Store locked up.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations
<b>Hazard(s) not otherwise classified (HNOC)</b>	None.
<b>Supplemental information</b>	None.

## 3. Composition/information on ingredients

Mixture Component(s)
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# SAFETY DATA SHEET

Chemical name	CAS number	%
2-butoxyethanol	111-76-2	5-10
Sodium Hydroxide	1310-73-2	1-5
Other components below reportable levels		85-95

## 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
<b>Eye contact</b>	Rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention. Eye wash stations should be in work area.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur. Do not induce vomiting.
<b>Most important symptoms/effects, acute and delayed</b>	Dermatitis. Rash. May cause an allergic skin reaction.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide widespread support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Wash contaminated clothing before reuse.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.

## 6. Accidental release measures

<b>Personal precautions, protective equipment, and emergency procedures</b>	Wear appropriate protective equipment and clothing during clean-up. Wear eye/face protection.
<b>Methods and materials for containment and cleaning up</b>	Caution – spillages may be slippery.  Large spills: Stop the flow of material if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements, or confined areas.  Small spills: Wipe up with absorbent material (e.g., cloth, absorbent wipes). Clean surface thoroughly with water to remove residual contamination.  Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Do not release into the open environment (see section 12). Avoid discharge into surface drainage paths and other areas not consistent with package labeling.

# SAFETY DATA SHEET

## 7. Handling and storage

- Precautions for safe handling** Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
- Conditions for safe storage, including any incompatibilities** Store in original tightly closed container. Do not store in extreme conditions.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
2-butoxyethanol	PEL	50 ppm
Sodium hydroxide	PEL	2 mg/m <sup>3</sup>

#### US ACGIH Threshold Limit Values

Components	Type	Value
2-butoxyethanol	STEL	20 ppm
Sodium hydroxide	TWA	2 mg/m <sup>3</sup>

### Biological limit values

#### ACGIH Biological Exposure Indices

Components	Value	Determinant	Species	Sampling Time
2-butoxyethanol	200 mg/g	Creatinine	Urine	End of shift.
Sodium hydroxide	2 mg/m <sup>3</sup>	Creatinine	Urine	End of shift

- Appropriate engineering controls** Emergency eye wash stations and showers should be readily accessible. Provide natural or mechanical ventilation.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

#### Skin protection

##### Hand protection

The use of gloves impervious to the specific material managed is advised to prevent skin contact. Users should check with manufacturers to confirm the breakthrough performance of their products. Depending on exposure and use conditions, additional protection may be necessary to prevent skin contact including use of items such as chemical-resistant boots, aprons, arm covers, hoods, coveralls, or encapsulated suits. Suggested protective materials: Nitrile and PVC rubber.

##### Other

None.

##### Respiratory protection

Respiratory protection not required for prescribed use of this product.

##### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after managing the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

## 9. Physical and chemical properties

### Appearance

Physical State	Liquid
Color	Colorless.

# SAFETY DATA SHEET

Odor	Not available
Odor threshold	Not available
pH	13-14
Melting/freezing point	Not available.
Initial boiling point and boiling range	>212°F (100°C)
Flash point	>212°F (100°C)
Evaporation rate	Not available.
Flammability	Not available.
Flammability Limits	
Upper	Not available.
Lower	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity (water=1)	1.05
Solubility in water	Soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

## 10. Stability and reactivity

Reactivity	This product is stable and non-reactive under normal conditions of use.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames can cause product to decompose.
Incompatible materials	Strong acids, strong bases, strong oxidizing agents.
Hazardous decomposition products	Aldehydes, ketones, organic acids, carbon dioxide, carbon monoxide.

## 11. Toxicological information

Information on routes of exposure	
Ingestion	Corrosive to mucous membranes, will damage tissue if there is prolonged contact.
Inhalation	Expected to be a low inhalation hazard.
Skin contact	Repeated and/or prolonged skin contact may cause irritation and/or burns.
Eye contact	Causes severe eye damage. May cause severe corneal injury.
Symptoms related to the physical, chemical, and toxicological characteristics	Dermatitis. Rash. May cause an allergic skin reaction.
Acute toxicity	Expected to have a low toxicity.

Product Cobra Clean Concentrate (CAS mixture)		
Exposure Classification	Route and Species	LD <sub>50</sub> /LC <sub>50</sub>
Acute	Oral, rat	3,700 mg/kg (estimated)
Acute	Dermal, rabbit	>7,000 mg/kg Literature)
* Estimates for product may be based on additional component data not shown		

# SAFETY DATA SHEET

<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/ irritation</b>	Causes serious eye damage.
<b>Respiratory sensitization</b>	Not classified.
<b>Skin sensitization</b>	Not classified.
<b>Germ cell mutagenicity</b>	Not classified.
<b>Carcinogenicity</b>	Not considered a carcinogen.
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>	Not Listed.
<b>Reproductive toxicity</b>	Not classified.
<b>Specific target organ toxicity – single exposure</b>	Not classified.
<b>Specific target organ toxicity – repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not considered an aspiration hazard.

## 12. Ecological information

Ecotoxicity		
<b>Product</b> Cobra Clean Concentrate (CAS mixture)		
<b>Aquatic Receptor</b>	<b>Species</b>	<b>Test Thresholds</b>
Crustacea	Daphnia magna (water flea)	EC <sub>50</sub> (48-hr): 125 mg/L (estimated)
Fish	Fathead minnow - <i>Pimephales promelas</i>	LC <sub>50</sub> (96-hr): 600 mg/L (estimated)
* Estimates for product may be based on additional component data not shown		
<i>Specific toxicity threshold cannot be derived as the potential effects are highly dependent upon the pH of the receiving water and its buffer capacity highly variable.</i>		

<b>Persistence and degradability</b>	Not available. Chemicals of this class are not expected to be persistent in an open, aerobic environment
<b>Bio-accumulative potential</b>	No data available.
<b>Mobility in soil</b>	Not available. Chemicals of these classes are highly water soluble and are expected to exhibit moderate to high mobility in saturated and semi-saturated soils
<b>Other adverse effects</b>	Not available.

## 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. Do not release to the environment.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations. As packaged, this product is not believed to meet criteria defining RCRA hazardous wastes when disposed. (40 CFR Part 261, Subpart C). Before selecting disposal method, ensure that the waste materials have been accurately assessed and, as necessary, evaluated to confirm regulatory status.
<b>Waste from residues/unused product</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (See: Disposal instructions).
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

## 14. Transport information

<b>USDOT</b>	Hazardous Materials Classification
<b>UN number</b>	UN1760
<b>UN proper shipping name</b>	Corrosive Liquids, n.o.s. (contains: sodium hydroxide)
<b>Transport hazard class(es)</b>	

# SAFETY DATA SHEET

<b>Class</b>	8
<b>Subsidiary risk</b>	-
<b>Packaging group</b>	III
<b>Marine pollutant</b>	No
<b>Special precautions for user</b>	Read safety instructions, SDS, and emergency procedures before handling.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not intended to be transported in bulk.
<b>DOT Label/Placard</b>	



## 15. Regulatory information

### US federal regulations

**SARA 302 Extremely hazardous substance** Not listed.

**SARA 304 Emergency release notification** Not listed.

### SARA 311/312 Hazard Categories

Immediate Hazard - Yes

Delayed Hazard – No

Fire Hazard – No

Pressure Hazard – No

Reactivity Hazard – No

**SARA 313 (TRI reporting)** 2-butoxyethanol (Glycol Ether Category)

### California Proposition 65



**WARNING:** This product can expose you to Methanol which is known to the State of California to cause reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## 16. Other information, including date of preparation or last revision

<b>Issue date</b>	3/16/2023
<b>Revision date</b>	
<b>Version #</b>	1
<b>HMIS® ratings</b>	Health: 2 Flammability: 0 Physical hazard: 1

# SAFETY DATA SHEET

HEALTH	2
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	<input type="checkbox"/>

## NFPA ratings

Health: 2  
Flammability: 0  
Instability: 0



## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge and have been obtained from resources believed to be reliable. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified by the text.

## Revision information

First issue.