



# Safety Data Sheet

## Cobra

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Cobra
<b>Other Means of Identification</b>	Code No. 116
<b>Recommended Use</b>	Detergent.
<b>Restrictions on Use</b>	Use only as directed according to label instructions.
<b>Manufacturer</b>	Leysons Products, a division of 1787528 Ontario Inc., 1366 Sandhill Drive, Ancaster, Ontario, L9G 4V5, (905) 648-7832
<b>Emergency Phone No.</b>	Mark Bryans, (905) 648-7832 ext 351, Monday to Friday, 8:00 AM to 3:30 PM CANUTECH, 613-996-6666, 24-hr for Emergencies involving Dangerous Goods
<b>SDS No.</b>	0227

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Skin corrosion - Category 1; Serious eye damage - Category 1

#### Label Elements



Danger

Corrosive

Causes severe eye damage and skin irritation or burns.

Harmful if swallowed.

Wash hands thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
2-Butoxyethanol	111-76-2	1-5		
Sodium metasilicate pentahydrate	10213-79-3	1-5		
Tetrasodium ethylenediaminetetraacetate	64-02-8	1-5		
N,N-Dimethyl-N-Dodecylamine Oxide	1643-20-5	1-5		
Alcohols, C7-21, ethoxylated	68991-48-0	1-5		
Quaternary ammonium compounds,	68391-01-5	0.1-1.0		

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benzyl-C12-18-alkyldimethyl, chlorides				
Quaternary ammonium compounds, C12-18-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	68956-79-6	0.1-1.0		
Potassium hydroxide	1310-58-3	0.1-1.0		
Ethanol	64-17-5	0.1-1.0		
Methanol	67-56-1	0.1-0.5		

**Notes**

Concentrations are expressed in % weight/weight.

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

**Inhalation**

If irritation is experienced, remove person to fresh air.  
Get medical attention if you feel unwell or are concerned.

**Skin Contact**

IF ON SKIN (or hair), remove all contaminated clothing and launder before reuse.  
Rinse skin with plenty of water or shower.

**Eye Contact**

Remove contact lenses, if present and easy to do.  
Immediately rinse eyes with lukewarm water for 20 minutes while keeping eyelids open.  
Consulter un médecin si l'irritation persiste.

**Ingestion**

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.  
If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again.  
Immediately call a Poison Centre or doctor.

**Most Important Symptoms and Effects, Acute and Delayed**

May cause serious eye damage. May irritate or burn the eyes. Permanent damage including blindness may result.

**Immediate Medical Attention and Special Treatment**

**Target Organs**

Eyes, skin, respiratory system.

**Medical Conditions Aggravated by Exposure**

Asthma, skin allergies.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media**

Not combustible. Use extinguishing agent suitable for surrounding fire.

**Unsuitable Extinguishing Media**

None known.

**Specific Hazards Arising from the Product**

This product presents no unusual hazards in a fire situation.

**Special Protective Equipment and Precautions for Fire-fighters**

Wear full fire fighting equipment and self contained breathing apparatus.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Wear splash proof goggles, chemical resistant gloves and rubber boots.

Do not allow contact with clothing.

Wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

### Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

Minimize the use of water to prevent environmental contamination.

### Methods and Materials for Containment and Cleaning Up

Contain and/or absorb spill with commercial absorbents and then place into a suitable container for disposal.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Do not get in eyes, on skin or on clothing.

Do not breath gas/fumes/vapour/spray.

Do NOT ingest.

Wear personal protective equipment to avoid direct contact with this chemical.

Keep containers tightly sealed when not in use.

Wear gloves and eye protection as a precaution.

### Conditions for Safe Storage

Store in a cool dry area away from incompatible materials.

Keep out of reach of children in a tightly closed container away from food, drink and animal feed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
2-Butoxyethanol	20 ppm		25 ppm			
Sodium metasilicate pentahydrate	Not established					
Tetrasodium ethylenediaminetetraacetate	Not established					
Potassium hydroxide	2 mg/m <sup>3</sup>					
N,N-Dimethyl-N-Dodecylamine Oxide	Not established					
Alcohols, C7-21, ethoxylated	Not established					
Ethanol		1000 ppm	1900 mg/m <sup>3</sup>			
Methanol	200 ppm	250 ppm				
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides		1000 ppm	1000 ppm			
Quaternary ammonium compounds, C12-18-alkyl[(ethylphenyl)methyl]dimethyl, chlorides		1000 ppm		1000 ppm		

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## Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of vapour) below the recommended exposure limits.  
Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

## Individual Protection Measures

### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

### Skin Protection

Wear protective gloves and clothing to prevent skin contact.

### Respiratory Protection

Use in well ventilated areas. In case of insufficient ventilation, wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Clear red liquid.
<b>Odour</b>	mint
<b>Odour Threshold</b>	Not available
<b>pH</b>	~ 12.7
<b>Melting Point/Freezing Point</b>	Not available (melting); 0 °C (32 °F) (freezing)
<b>Boiling point/Initial boiling point</b>	100 °C
<b>Boiling Range</b>	Not available
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not available
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	~ 1.05
<b>Solubility</b>	Soluble in water; Not available (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic)

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Conditions to Avoid

High temperatures.

Freezing.

Incompatible materials.

### Incompatible Materials

Strong acids (e.g. hydrochloric acid), strong oxidizing agents (e.g. perchloric acid), strong reducing agents (e.g. hydrides).

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation.  
Skin contact.  
Skin absorption.  
Eye contact.  
Ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
2-Butoxyethanol	450 ppm (rat) (4-hour exposure)	530 mg/kg (rat)	400-500 mg/kg (rabbit)
Sodium metasilicate pentahydrate		847 mg/kg (rat)	
Tetrasodium ethylenediaminetetraacetate	> 1000 mg/m <sup>3</sup> (rat)	> 4140 mg/kg (rat)	> 12800 mg/kg (rabbit)
Potassium hydroxide	Not available	205 mg/kg (rat)	> 1260 mg/kg (rabbit)
N,N-Dimethyl-N-Dodecylamine Oxide		> 1065 mg/kg (rat)	> 2000 mg/kg (rabbit)
Alcohols, C7-21, ethoxylated		> 2000 mg/kg (rat)	
Ethanol	> 61 mg/L (rat) (4-hour exposure)	7060 mg/kg (rat)	> 15800 mg/kg (rabbit)
Methanol	> 4.1 mg/L (4-hour exposure)	5628 mg/kg (rat)	15800 mg/kg (rabbit)
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides		50-500 mg/kg (rat)	
Quaternary ammonium compounds, C12-18-alkyl[(ethylphenyl)methyl]dimethyl, chlorides		> 50-500 mg/kg (rat)	

### Skin Corrosion/Irritation

May cause irritation or symptoms such as redness, edema, drying, defatting or cracking of the skin.

### Serious Eye Damage/Irritation

May cause severe irritation or burns.

### Aspiration Hazard

May be drawn into the lungs (aspirated) if swallowed or vomited.

### Respiratory and/or Skin Sensitization

Not expected to produce any respiratory system problems when used in a well ventilated area.

### Carcinogenicity

Not known to cause cancer.

### Reproductive Toxicity

#### Development of Offspring

Not known to harm the unborn child.

#### Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

#### Effects on or via Lactation

Not known to cause effects on or via lactation.

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**Germ Cell Mutagenicity**

Not known to be a mutagen.

**Interactive Effects**

No information was located.

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

May cause long-term adverse effects in the aquatic environment.

**Persistence and Degradability**

Readily biodegradable (test method #301D, OECD).

**Bioaccumulative Potential**

No information was located.

**Mobility in Soil**

No information was located.

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal Methods**

Dispose of contents and container in accordance with local, regional, national and international regulations.

**SECTION 14. TRANSPORT INFORMATION**

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	3267	Corrosive Liquid, basic organic, N.O.S. (Tetrasodium salt of ethylenediamine tetraacetic acid, sodium hydroxide solution)	8	III

**Special Precautions** Not applicable

**Transport in Bulk according to International Maritime Organization Instruments**

Not applicable

**SECTION 15. REGULATORY INFORMATION****Safety, Health and Environmental Regulations****Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

**SECTION 16. OTHER INFORMATION**

**SDS Prepared By** Mark Bryans

**Phone No.** (905) 648-7832 ext 351

**Date of Preparation** August 26, 2020

**Disclaimer** To the best of our knowledge, the information contained herein is accurate. However, the user of this product assumes all risks and responsibilities relating to the use of this product.  
No representation of warranties, either expressed or implied, of merchantability, fitness for a

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particular purpose or of any other nature are made hereunder with respect to the information or product to which the information refers.

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