SAFETY DATA SHEET

Car Brite™ BLUE MAX™ Concentrated Medium Duty General Purpose Cleaner

Version	Revision Date:	SDS Number:	Date of last issue: 04/09/2024
4.3	04/10/2024	600000000737	Date of first issue: 05/23/2016

SECTION 1. IDENTIFICATION

Product name	:	CB BLUE MAX 5 GA
Product code	:	CBOOE004-05-S5

Manufacturer or supplier's details

Company name of supplier	:	Niteo Products, LLC
Address	:	720 Vaiden Drive, Hernando, MS 38632
Email Address	:	EHS@niteoproducts.com
Telephone	:	1-844-696-4836
Emergency telephone number	:	1-800-424-9300 / 1-703-741-5970

Recommended use of the chemical and restrictions on use

Recommended use	:	CLEANER
Restrictions on use	:	Use only outdoors or in a well-ventilated area.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion	:	Category 1C
Serious eye damage	:	Category 1

GHS label elements

Hazard pictograms :

Signal word	:	Danger
Hazard statements	:	Causes severe skin burns and eye damage.
Precautionary statements	:	**Prevention:** Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection. **Response:**

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
Wash contaminated clothing before reuse.

Storage:

Store locked up.

Disposal:

Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Potassium dodecylbenzene sulfonate	27177-77-1	>= 1 - < 5
Trisodium phosphate dodecahydrated	10101-89-0	>= 1 - < 5
2-Butoxyethanol	111-76-2	>= 1 - < 5
Sodium Xylene Sulfonate	1300-72-7	>= 1 - < 5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.
If on skin, rinse well with water.
If on clothes, remove clothes.

In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
In the case of contact with eyes, rinse immediately with plenty

of water and seek medical advice.
Continue rinsing eyes during transport to hospital.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed	:	Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.
Most important symptoms and effects, both acute and delayed	:	Causes serious eye damage. Causes severe burns.
Notes to physician	:	Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Unsuitable extinguishing media	:	High volume water jet
Specific hazards during firefighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	:	Carbon oxides Sulphur oxides Sodium oxides Oxides of phosphorus
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment.
Environmental precautions	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for	:	Neutralise with acid.

containment and cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Advice on safe handling	:	Do not breathe vapours/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. To avoid spills during handling keep bottle on a metal tray. Dispose of rinse water in accordance with local and national regulations.
Conditions for safe storage	:	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
Further information on storage stability	:	No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Trisodium phosphate dodecahydrated	10101-89-0	STEL	5 mg/m3	US WEEL
2-Butoxyethanol	111-76-2	TWA	20 ppm	ACGIH
		TWA	5 ppm 24 mg/m3	NIOSH REL
		TWA	50 ppm 240 mg/m3	OSHA Z-1
		TWA	25 ppm 120 mg/m3	OSHA P0

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
2-Butoxyethanol	111-76-2	Butoxyacetic acid (BAA)	Urine	End of shift (As soon as	200 mg/g Creatinine	ACGIH BEI

				possible after exposure ceases)		

Personal protective equipment

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures : When using do not eat, drink or smoke.
Wear suitable gloves and eye/face protection.

Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : blue

Odour : No data available

Odour Threshold : No data available

pH : 12.5 - 13.5

Melting point/freezing point : No data available

Boiling point/boiling range : 100 °C
(1,013 hPa)
The value is calculated

Flash point : Not applicable

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Self-ignition : No data available

Upper explosion limit / Upper flammability limit	:	10.6 %(V) The value is calculated
Lower explosion limit / Lower flammability limit	:	1.1 %(V) The value is calculated
Vapour pressure	:	23.33 hPa (20 °C) The value is calculated
Relative vapour density	:	No data available
Density	:	1.055 g/cm3
Solubility(ies)		
Water solubility	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Molecular weight	:	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	No decomposition if stored and applied as directed.
Conditions to avoid	:	No data available
Incompatible materials	:	Acids Aluminium Amines Ammonia Bases chlorates Chlorine Organic materials Oxidizing agents Reducing agents salts of strong bases
		Not applicable

Hazardous decomposition products	:	Carbon oxides Oxides of phosphorus Sodium oxides Sulphur oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation
Skin contact
Eye contact
Ingestion

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Acute toxicity estimate: > 200 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method
Acute dermal toxicity	:	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method

Components:

Potassium dodecylbenzene sulfonate:

Acute oral toxicity	:	LD50 (Rat): 1,080 - 1,980 mg/kg Remarks: Information given is based on data obtained from similar substances.
Acute dermal toxicity	:	LD50 (Rabbit): > 2,000 mg/kg Remarks: Information given is based on data obtained from similar substances.

Trisodium phosphate dodecahydrated:

Acute oral toxicity	:	LD50 (Rat): > 2,000 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 0.83 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: No adverse effect has been observed in acute inhalation toxicity tests.
Acute dermal toxicity	:	LD50 (Rat): > 2,000 mg/kg Assessment: No adverse effect has been observed in acute dermal toxicity tests.

2-Butoxyethanol:

Acute oral toxicity	:	LD50 (Guinea pig): 1,200 mg/kg
Acute inhalation toxicity	:	LC50 (Guinea pig): > 633 ppm Exposure time: 1 h Test atmosphere: dust/mist Assessment: The component/mixture is moderately toxic after short term inhalation.
Acute dermal toxicity	:	LD50 (Guinea pig): > 2,000 mg/kg Assessment: The component/mixture is moderately toxic after single contact with skin.

Sodium Xylene Sulfonate:

Acute oral toxicity	:	LD50 (Rat): > 7,000 mg/kg Method: OECD Test Guideline 401
Acute dermal toxicity	:	LD50 (Rabbit): > 2,000 mg/kg Method: OECD Test Guideline 402 Assessment: No adverse effect has been observed in acute dermal toxicity tests.

Skin corrosion/irritation

Causes severe burns.

Product:

Method: OECD Test Guideline 435
Result: Corrosive after 1 to 4 hours of exposure

Remarks: Extremely corrosive and destructive to tissue.

Components:

Potassium dodecylbenzene sulfonate:

Result: Corrosive after 1 to 4 hours of exposure
Remarks: Information given is based on data obtained from similar substances.

Trisodium phosphate dodecahydrated:

Result: Irritating to skin.

2-Butoxyethanol:

Method: Directive 67/548/EEC, Annex V, B.4.
Result: Irritating to skin.

Sodium Xylene Sulfonate:

Species: Rabbit
Method: OECD Test Guideline 404
Result: Mild skin irritation
Remarks: Information given is based on data obtained from similar substances.

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks: May cause irreversible eye damage.

Components:

Potassium dodecylbenzene sulfonate:

Result: Corrosive
Method: OECD Test Guideline 405
Remarks: Information given is based on data obtained from similar substances.

Trisodium phosphate dodecahydrated:

Result: Irritating to eyes.

2-Butoxyethanol:

Result: Irritating to eyes.
Method: OECD Test Guideline 405

Sodium Xylene Sulfonate:

Species: Rabbit
Result: Irritation to eyes, reversing within 7 days
Method: OECD Test Guideline 405
GLP: yes

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:

Potassium dodecylbenzene sulfonate:

Exposure routes: Dermal
Species: Humans
Assessment: Does not cause skin sensitisation.
Remarks: Information given is based on data obtained from similar substances.

Trisodium phosphate dodecahydrated:

Result: Not a skin sensitizer.
Remarks: Information given is based on data obtained from similar substances.

2-Butoxyethanol:

Species: Guinea pig
Method: OECD Test Guideline 406
Result: Not a skin sensitizer.

Sodium Xylene Sulfonate:

Test Type: Buehler Test
Exposure routes: Dermal
Species: Guinea pig
Method: OECD Test Guideline 406
Result: Does not cause skin sensitisation.
GLP: yes

Germ cell mutagenicity

Not classified based on available information.

Components:

Potassium dodecylbenzene sulfonate:

Genotoxicity in vitro : Test Type: Ames test
Metabolic activation: with and without metabolic activation
Result: negative
Remarks: Information given is based on data obtained from similar substances.

2-Butoxyethanol:

Genotoxicity in vitro : Test Type: Ames test
Test system: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Result: negative

Carcinogenicity

Not classified based on available information.

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

Components:

Trisodium phosphate dodecahydrated:

Exposure routes: Inhalation
Target Organs: Respiratory Tract
Assessment: May cause respiratory irritation.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Additional ecological information	:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues	:	The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
Contaminated packaging	:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

Dangerous goods descriptions (if indicated below) may not reflect quantity, end-use, or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

International Regulations

IATA-DGR

UN/ID No.	:	UN 1719
Proper shipping name	:	Caustic alkali liquid, n.o.s. (Potassium dodecylbenzene sulfonate)
Class	:	8
Packing group	:	III
Labels	:	8
Packing instruction (cargo aircraft)	:	856
Packing instruction (passenger aircraft)	:	852

IMDG-Code

UN number	:	UN 1719
Proper shipping name	:	CAUSTIC ALKALI LIQUID, N.O.S. (Potassium dodecylbenzene sulfonate)
Class	:	8
Packing group	:	III
Labels	:	8
EmS Code	:	F-A, S-B
Marine pollutant	:	no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

49 CFR

UN/ID/NA number	:	UN 1719
Proper shipping name	:	Caustic alkali liquids, n.o.s. (Potassium dodecylbenzene sulfonate)
Class	:	8
Packing group	:	III
Labels	:	8
ERG Code	:	154
Marine pollutant	:	no

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Trisodium phosphate dodecahydrated	10101-89-0	5000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Skin corrosion or irritation
Serious eye damage or eye irritation

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

2-Butoxyethanol	111-76-2	>= 1 - < 5 %
Diethylene glycol monobutyl ether	112-34-5	>= 0.1 - < 1 %

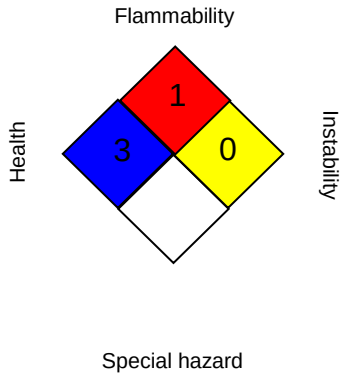
California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16. OTHER INFORMATION

Further information

NFPA:



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