

SAFETY DATA SHEET



Car Brite™ BIO FLOOR CLEANER Concentrated Floor Cleaner

Version	Revision Date:	SDS Number:	Date of last issue: 05/02/2017
1.3	05/05/2018	600000000190	Date of first issue: 05/23/2016

SECTION 1. IDENTIFICATION

Product name : BIO FLOOR CLEANER PL 5 GA
Product code : 782296

Manufacturer or supplier's details

Company name of supplier : Niteo Products, LLC
Address : Dallas TX 19162
Email Address : EHS@niteoproducts.com
Telephone : 1-844-696-4836

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 29 CFR 1910.1200

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

GHS label elements

Hazard pictograms :



Signal word : Danger
Hazard statements : H314 Causes severe skin burns and eye damage.
Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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Version	Revision Date:	SDS Number:	Date of last issue: 05/02/2017
1.3	05/05/2018	600000000190	Date of first issue: 05/23/2016

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
P305 + P351 + P338 + P310 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.
P363 Wash contaminated clothing before reuse.

Storage:

P405 Store locked up.

Disposal:

P501 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)
UNDECYL ALCOHOL + 5 EO POLYETHOXYLATE	34398-01-1	>= 1 - < 5
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	>= 1 - < 5
SODIUM METASILICATE	6834-92-0	>= 1 - < 3
SODIUM XYLENE SULFONATE	1300-72-7	>= 1 - < 5
SODIUM HYDROXIDE	1310-73-2	>= 1 - < 3

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 breathed in, move person into fresh air.
If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : Take off contaminated clothing and shoes immediately.
If on skin, rinse well with water.
Wash contaminated clothing before re-use.
If skin irritation persists, call a physician.

SAFETY DATA SHEET



Car Brite™ BIO FLOOR CLEANER Concentrated Floor Cleaner

Version	Revision Date:	SDS Number:	Date of last issue: 05/02/2017
1.3	05/05/2018	600000000190	Date of first issue: 05/23/2016

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| In case of eye contact | : 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 swallowed | : Get medical attention immediately.
Do NOT induce vomiting.
Rinse mouth with water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician. |
| Most important symptoms and effects, both acute and delayed | : Causes serious eye damage.
Causes severe burns. |

SECTION 5. FIREFIGHTING MEASURES

- | | |
|---|--|
| Suitable extinguishing media | : Water spray
Carbon dioxide (CO2) |
| Unsuitable extinguishing media | : High volume water jet |
| Specific hazards during fire-fighting | : Do not allow run-off from fire fighting to enter drains or water courses. |
| Hazardous combustion products | : Carbon oxides
Sulphur oxides
Sodium oxides |
| Specific extinguishing methods | : Product is compatible with standard fire-fighting agents. |
| Further information | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| Special protective equipment for firefighters | : In the event of fire, wear self-contained breathing apparatus. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

- | | |
|---|--|
| Personal precautions, protective equipment and emergency procedures | : Use personal protective equipment.
Avoid breathing dust.
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
Comply with all applicable local, state and federal regulations. |
| Environmental precautions | : Prevent further leakage or spillage if safe to do so. |

Car Brite™ BIO FLOOR CLEANER Concentrated Floor Cleaner

Version 1.3 Revision Date: 05/05/2018 SDS Number: 600000000190 Date of last issue: 05/02/2017
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Prevent product from entering drains.
Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : 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.
Dispose of rinse water in accordance with local and national regulations.
Container hazardous when empty.
Smoking, eating and drinking should be prohibited in the application area.
For personal protection see section 8.

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.

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
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	TWA	20 ppm	ACGIH
		TWA	5 ppm 24 mg/m ³	NIOSH REL
		TWA	50 ppm 240 mg/m ³	OSHA Z-1
		TWA	25 ppm 120 mg/m ³	OSHA P0
SODIUM HYDROXIDE	1310-73-2	C	2 mg/m ³	ACGIH
		C	2 mg/m ³	NIOSH REL
		TWA	2 mg/m ³	OSHA Z-1
		C	2 mg/m ³	OSHA P0

Hazardous components without workplace control parameters

Components	CAS-No.
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SAFETY DATA SHEET


Car Brite™ BIO FLOOR CLEANER Concentrated Floor Cleaner

Version 1.3 Revision Date: 05/05/2018 SDS Number: 600000000190 Date of last issue: 05/02/2017
 Date of first issue: 05/23/2016

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SODIUM METASILICATE	6834-92-0
SODIUM XYLENE SULFONATE	1300-72-7

Biological occupational exposure limits

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

Engineering measures : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Hand protection

Remarks : Wear resistant gloves (consult your safety equipment supplier). The suitability for a specific workplace should be discussed with the producers of the protective gloves. Discard gloves that show tears, pinholes, or signs of wear.

Eye protection : Wear chemical splash goggles and face shield when there is potential for exposure of the eyes or face to liquid, vapor or mist.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
 Wear as appropriate:
 Impervious clothing
 Safety shoes
 Remove and wash contaminated clothing before re-use.

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

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
 When using do not smoke.
 When using do not eat or drink.

SAFETY DATA SHEET



Car Brite™ BIO FLOOR CLEANER Concentrated Floor Cleaner

Version	Revision Date:	SDS Number:	Date of last issue: 05/02/2017
1.3	05/05/2018	600000000190	Date of first issue: 05/23/2016

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: orange
Odour	: mild
pH	: 13.2
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	: No data available
Lower explosion limit / Lower flammability limit	: No data available
Vapour pressure	: 23.33 hPa (20 °C) The value is calculated
Density	: 1.039 g/cm3 (20 °C)
Solubility(ies)	
Water solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Viscosity	
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Oxidizing properties	: 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 reac-	: Hazardous polymerisation does not occur.

SAFETY DATA SHEET



Car Brite™ BIO FLOOR CLEANER Concentrated Floor Cleaner

Version 1.3	Revision Date: 05/05/2018	SDS Number: 600000000190	Date of last issue: 05/02/2017 Date of first issue: 05/23/2016
----------------	------------------------------	-----------------------------	---

tions	No decomposition if stored and applied as directed.
Conditions to avoid	: No data available
Incompatible materials	: Acids Alcohols Aluminium aluminum salts Amines Ammonia Bases chlorates Chlorine Copper alloys Halogenated compounds Lead Metals organic nitro compounds Oxidizing agents salts of strong bases Tin Zinc
Hazardous decomposition products	: Carbon oxides Sodium oxides Sulphur oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation
Eye contact
Skin contact
Ingestion

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity	: Remarks: Causes digestive tract burns. 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

Car Brite™ BIO FLOOR CLEANER Concentrated Floor Cleaner

Version	Revision Date:	SDS Number:	Date of last issue: 05/02/2017
1.3	05/05/2018	600000000190	Date of first issue: 05/23/2016

Components:**UNDECYL ALCOHOL + 5 EO POLYETHOXYLATE:**

Acute oral toxicity : LD50 (Rat): > 1,600 mg/kg

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

ETHYLENE GLYCOL MONOBUTYL ETHER:

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 METASILICATE:

Acute oral toxicity : LD50 (Rat): 1,153 mg/kg

SODIUM XYLENE SULFONATE:

Acute oral toxicity : LD50 (Rat): > 7,000 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat, male and female): > 6.41 mg/l
Exposure time: 232 min
Test atmosphere: dust/mist
Remarks: Information given is based on data obtained from similar substances.

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.

SODIUM HYDROXIDE:

Acute oral toxicity : LDLo (Rabbit): 500 mg/kg

Skin corrosion/irritation

Causes severe burns.

Product:

Remarks: Causes severe skin burns and eye damage.
The feeling of irritation or pain may be delayed.

Components:**UNDECYL ALCOHOL + 5 EO POLYETHOXYLATE:**

SAFETY DATA SHEET



Car Brite™ BIO FLOOR CLEANER Concentrated Floor Cleaner

Version	Revision Date:	SDS Number:	Date of last issue: 05/02/2017
1.3	05/05/2018	600000000190	Date of first issue: 05/23/2016

Result: Irritating to skin.

ETHYLENE GLYCOL MONOBUTYL ETHER:

Result: Irritating to skin.

SODIUM METASILICATE:

Result: Causes burns.

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.

SODIUM HYDROXIDE:

Result: Corrosive after 3 minutes or less of exposure

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks: May cause irreversible eye damage.

Components:

UNDECYL ALCOHOL + 5 EO POLYETHOXYLATE:

Result: Irritating to eyes.

ETHYLENE GLYCOL MONOBUTYL ETHER:

Result: Irritating to eyes.

Assessment: Irritating to eyes.

SODIUM METASILICATE:

Result: Irreversible effects on the eye

Assessment: Corrosive

SODIUM XYLENE SULFONATE:

Species: Rabbit

Result: Irritation to eyes, reversing within 7 days

Method: OECD Test Guideline 405

GLP: yes

SODIUM HYDROXIDE:

Result: Irreversible effects on the eye

Assessment: Corrosive

Car Brite™ BIO FLOOR CLEANER Concentrated Floor Cleaner

Version	Revision Date:	SDS Number:	Date of last issue: 05/02/2017
1.3	05/05/2018	600000000190	Date of first issue: 05/23/2016

Respiratory or skin sensitisation**Skin sensitisation**

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:**UNDECYL ALCOHOL + 5 EO POLYETHOXYLATE:**

Assessment: Did not cause sensitisation on laboratory animals.

Remarks: Information given is based on data obtained from similar substances.

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

SODIUM HYDROXIDE:

Exposure routes: Skin contact

Species: Humans

Result: negative

Germ cell mutagenicity

Not classified based on available information.

Components:**UNDECYL ALCOHOL + 5 EO POLYETHOXYLATE:**

Genotoxicity in vitro : Remarks: In vitro tests did not show mutagenic effects

Genotoxicity in vivo : Result: In vivo tests did not show any chromosomal changes.

ETHYLENE GLYCOL MONOBUTYL ETHER:

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.

SAFETY DATA SHEET



Car Brite™ BIO FLOOR CLEANER Concentrated Floor Cleaner

Version 1.3	Revision Date: 05/05/2018	SDS Number: 600000000190	Date of last issue: 05/02/2017 Date of first issue: 05/23/2016
----------------	------------------------------	-----------------------------	---

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:

SODIUM METASILICATE:

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

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.

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. (SODIUM HYDROXIDE, SODIUM METASILICATE)

SAFETY DATA SHEET



Car Brite™ BIO FLOOR CLEANER Concentrated Floor Cleaner

Version 1.3 Revision Date: 05/05/2018 SDS Number: 600000000190 Date of last issue: 05/02/2017
Date of first issue: 05/23/2016

Class : 8
Packing group : II
Labels : 8
Packing instruction (cargo aircraft) : 855
Packing instruction (passenger aircraft) : 851

IMDG-Code

UN number : UN 1719
Proper shipping name : CAUSTIC ALKALI LIQUID, N.O.S.
(SODIUM HYDROXIDE, SODIUM METASILICATE)
Class : 8
Packing group : II
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 LIQUID, N.O.S.
(SODIUM HYDROXIDE, SODIUM METASILICATE)
Class : 8
Packing group : II
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)
ETHYLENE OXIDE	75-21-8	10	10 (U115)
SODIUM HYDROXIDE	1310-73-2	1000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
ETHYLENE OXIDE	75-21-8	10	*

*: Calculated RQ exceeds reasonably attainable upper limit.

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

SAFETY DATA SHEET



Car Brite™ BIO FLOOR CLEANER Concentrated Floor Cleaner

Version	Revision Date:	SDS Number:	Date of last issue: 05/02/2017
1.3	05/05/2018	600000000190	Date of first issue: 05/23/2016

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

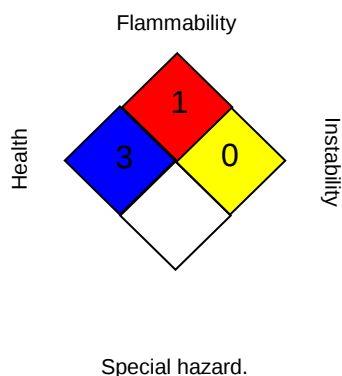
California Prop. 65

WARNING! This product contains a chemical known to the State of California to cause cancer.
WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

SECTION 16. OTHER INFORMATION

Further information

NFPA:



Revision Date : 05/05/2018

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. 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 relates 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 in the text.

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