

Car Brite™ CB UV RESTORATION SEALANT SPRAY

Version 1.2 Revision Date: 10/14/2016 MSDS Number: 600000000998 Date of last issue: 10/14/2016
Date of first issue: 07/18/2016

SECTION 1. IDENTIFICATION

Product name : Car Brite™ CB UV RESTORATION SEALANT SPRAY
Product code : 877876

Manufacturer or supplier's details

Company name of supplier : Niteo Products,LLC
Address : Dallas TX 19162
Telephone : 1-844-696-4836
Emergency telephone number : 1-800-424-9300

Recommended use of the chemical and restrictions on use

Recommended use : CLEANER

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable aerosols : Category 1
Eye irritation : Category 2A
Specific target organ toxicity - single exposure : Category 3 (Central nervous system)
Gases under pressure : Dissolved gas

GHS Label element

Hazard pictograms : 

Signal word : Danger

Hazard statements : H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statements : **Prevention:**
P210 Keep away from heat/sparks/open flames/hot surfaces.
No smoking.
P211 Do not spray on an open flame or other ignition source.

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P251 Pressurized container: Do not pierce or burn, even after use.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear eye protection/ face protection.

Response:

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Mixture

Hazardous components

Chemical Name	CAS-No.	Concentration (% w/w)
ACETONE	67-64-1	>= 30 - < 50
PROPANE	74-98-6	>= 20 - < 30
N-BUTYL ACETATE	123-86-4	>= 10 - < 20
BUTANE NORMAL	106-97-8	>= 10 - < 20
ETHYL ACETATE	141-78-6	>= 1 - < 5

SECTION 4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.

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 : If on skin, rinse well with water.

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- In case of eye contact : Remove contact lenses.
 Immediately flush eye(s) with plenty of water.
 Keep eye wide open while rinsing.
 Protect unharmed eye.
- If swallowed : 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 irritation.
 May cause drowsiness or dizziness.
 This material (or a component) has produced hyperglycemia and ketosis following substantial ingestion.
 Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material.
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SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray
 Carbon dioxide (CO₂)
 Dry chemical
- Specific hazards during fire-fighting : Flash back possible over considerable distance.
 May form explosive mixtures in air.
- Specific extinguishing methods : Use a water spray to cool fully closed containers.
 Fight fire remotely due to the risk of explosion.
 Evacuate area.
- Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
 Do not use a solid water stream as it may scatter and spread fire.
 Prevent fire extinguishing water from contaminating surface water or the ground water system.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
 Use personal protective equipment.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation.
Use personal protective equipment.
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
Avoid skin contact with leaking liquid (danger of frostbite).
Remove all sources of ignition.
Pay attention to flashback.
Comply with all applicable local, state and federal regulations.
For disposal considerations see section 13.
- Environmental precautions : Should not be released into the environment.
Do not flush into surface water or sanitary sewer system.
- Methods and materials for containment and cleaning up : Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Flush residual spill (area with large amount of water. (For large spills, dike for later disposal.) Dispose of wastes in accordance with applicable federal, state and local regulations.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Smoking, eating and drinking should be prohibited in the application area.
For personal protection see section 8.
- Conditions for safe storage : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.
Take measures to prevent the build up of electrostatic charge.
Use explosion-proof equipment.
Keep in a dry, cool place.
Do not store together with oxidizing and self-igniting products.
Keep container closed when not in use.
- Materials to avoid : No materials to be especially mentioned.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
ACETONE	67-64-1	TWA	250 ppm	ACGIH

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		STEL	500 ppm	ACGIH
		TWA	250 ppm 590 mg/m ³	NIOSH REL
		TWA	1,000 ppm 2,400 mg/m ³	OSHA Z-1
		TWA	750 ppm 1,800 mg/m ³	OSHA P0
		STEL	1,000 ppm 2,400 mg/m ³	OSHA P0
PROPANE	74-98-6	TWA	1,000 ppm 1,800 mg/m ³	NIOSH REL
		TWA	1,000 ppm 1,800 mg/m ³	OSHA Z-1
		TWA	1,000 ppm 1,800 mg/m ³	OSHA P0
N-BUTYL ACETATE	123-86-4	TWA	150 ppm	ACGIH
		STEL	200 ppm	ACGIH
		TWA	150 ppm 710 mg/m ³	NIOSH REL
		ST	200 ppm 950 mg/m ³	NIOSH REL
		TWA	150 ppm 710 mg/m ³	OSHA Z-1
		TWA	150 ppm 710 mg/m ³	OSHA P0
		STEL	200 ppm 950 mg/m ³	OSHA P0
BUTANE NORMAL	106-97-8	TWA	800 ppm 1,900 mg/m ³	NIOSH REL
		TWA	800 ppm 1,900 mg/m ³	OSHA P0
ETHYL ACETATE	141-78-6	TWA	400 ppm	ACGIH
		TWA	400 ppm 1,400 mg/m ³	NIOSH REL
		TWA	400 ppm 1,400 mg/m ³	OSHA Z-1
		TWA	400 ppm 1,400 mg/m ³	OSHA P0

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sam-pling time	Permissible concentra-tion	Basis
ACETONE	67-64-1	Acetone	Urine	End of shift (As soon as possible after exposure ceases)	25 mg/l	ACGIH BEI

Engineering measures : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if

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applicable) or below levels that cause known, suspected or apparent adverse effects.

Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
In case of insufficient ventilation, wear suitable respiratory equipment.
Use NIOSH approved respiratory protection.
- Hand protection
- Remarks : Wear resistant gloves (consult your safety equipment supplier).
- Eye protection : Safety glasses with side-shields
Ensure that eyewash stations and safety showers are close to the workstation location.
- Skin and body protection : Wear as appropriate:
Safety shoes
- Protective measures : Avoid contact with skin.
When using do not eat, drink or smoke.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : aerosol
- Odour : solvent-like
- Flash point : < -18 °C
Method: closed cup
- Evaporation rate : > 1
- Relative density : 0.749

SECTION 10. STABILITY AND REACTIVITY

- Reactivity : No decomposition if stored and applied as directed.
- Chemical stability : Stable under normal conditions.
- Possibility of hazardous reactions : Hazardous polymerisation does not occur.

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Conditions to avoid : Avoid shock and friction.
Heat, flames and sparks.

Incompatible materials : Strong oxidizing agents

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation
Skin contact
Eye contact

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 : Remarks: Breathing air containing n-butyl acetate, which results from its use in aerosol applications, may cause delayed lung injury.

Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Components:

ACETONE:

Acute oral toxicity : LD50 (Rat, female): 5,800 mg/kg

Acute inhalation toxicity : LC50 (Rat, female): 76 mg/l
Exposure time: 4 h

Acute dermal toxicity : LD50 (Rabbit): > 7,426 mg/kg

N-BUTYL ACETATE:

Acute oral toxicity : LD50 (Rat, female): 10.8 g/kg
Method: OECD Test Guideline 423

Acute inhalation toxicity : LC50 (Rat): > 21 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: OECD Test Guideline 403
Assessment: No adverse effect has been observed in acute inhalation toxicity tests.

Acute dermal toxicity : LD50 (Rabbit): > 14,112 mg/kg
Method: OECD Test Guideline 402

BUTANE NORMAL:

Acute oral toxicity : LD50 (Rat): > 5 g/kg

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Acute inhalation toxicity : LC50 (Rat): 658 mg/l
Exposure time: 4 h

Acute dermal toxicity : LD50 (Rabbit): > 3.16 g/kg

ETHYL ACETATE:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC0 (Rat): > 6000 ppm
Exposure time: 6 h
Assessment: No adverse effect has been observed in acute
inhalation toxicity tests.

Acute dermal toxicity : LD50 (Rabbit): > 20,000 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Components:**ACETONE:**

Result: Possibly irritating to skin

Result: Repeated exposure may cause skin dryness or cracking.

N-BUTYL ACETATE:

Species: Rabbit

Method: OECD Test Guideline 404

Result: No skin irritation

Result: Repeated exposure may cause skin dryness or cracking.

BUTANE NORMAL:

Result: Possibly irritating to skin

ETHYL ACETATE:

Species: Rabbit

Result: Possibly irritating to skin

Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Assessment: Irritating to eyes.

Remarks: Contact with eyes may cause irritation.

Components:**ACETONE:**

Result: Irritating to eyes.

Assessment: Irritating to eyes.

N-BUTYL ACETATE:

Species: Rabbit

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Result: Possibly irritating to eyes
Method: OECD Test Guideline 405

BUTANE NORMAL:

Result: Possibly irritating to eyes

ETHYL ACETATE:

Species: Rabbit

Result: Possibly irritating to eyes

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Components:

ETHYL ACETATE:

Test Type: Maximisation Test (GPMT)

Result: Does not cause skin sensitisation.

Germ cell mutagenicity

Not classified based on available information.

Components:

PROPANE:

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

N-BUTYL ACETATE:

Genotoxicity in vitro : Test Type: Ames test
Species: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Method: Mutagenicity (Salmonella typhimurium - reverse mutation assay)
Result: negative

Genotoxicity in vivo : Test Type: Micronucleus test
Species: Mouse
Cell type: Bone marrow
Method: OECD Test Guideline 474
Result: negative

ETHYL ACETATE:

Genotoxicity in vitro : Test Type: Ames test
Species: 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

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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 identified as a carcinogen or potential carcinogen by OSHA.

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

May cause drowsiness or dizziness.

Components:**ACETONE:**

Exposure routes: Inhalation

Target Organs: Nervous system

Assessment: May cause drowsiness or dizziness.

N-BUTYL ACETATE:

Target Organs: Central nervous system

Assessment: May cause drowsiness or dizziness.

ETHYL ACETATE:

Assessment: May cause drowsiness or dizziness.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Components:**ACETONE:**

May be harmful if swallowed and enters airways.

Further information**Product:**

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

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

SECTION 14. TRANSPORT INFORMATION

International Regulation

IATA-DGR

UN/ID No. : UN 1950
 Proper shipping name : Aerosols, flammable
 Class : 2.1
 Packing group : Not assigned by regulation
 Labels : Flammable Gas
 Packing instruction (cargo aircraft) : 203
 Packing instruction (passenger aircraft) : 203

IMDG-Code

UN number : UN 1950
 Proper shipping name : AEROSOLS
 Class : 2.1
 Packing group : Not assigned by regulation
 Labels : 2.1
 EmS Code : F-D, S-U
 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 1950
 Proper shipping name : AEROSOLS
 Class : 2.1
 Packing group : Not assigned by regulation
 Labels : Class 2 - Gases: Flammable (Division 2.1)
 ERG Code : 126
 Marine pollutant : no

SECTION 15. REGULATORY INFORMATION

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

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CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Component RQ (lbs)
ACETONE	67-64-1	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 311/312 Hazards : Fire Hazard
Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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

Massachusetts Right To Know

ACETONE	67-64-1	30 - 50 %
PROPANE	74-98-6	20 - 30 %
N-BUTYL ACETATE	123-86-4	10 - 20 %
BUTANE NORMAL	106-97-8	10 - 20 %
ETHYL ACETATE	141-78-6	1 - 5 %

Pennsylvania Right To Know

ACETONE	67-64-1	30 - 50 %
PROPANE	74-98-6	20 - 30 %
N-BUTYL ACETATE	123-86-4	10 - 20 %
BUTANE NORMAL	106-97-8	10 - 20 %
ETHYL ACETATE	141-78-6	1 - 5 %
ETHYL ESTER	763-69-9	1 - 5 %

New Jersey Right To Know

ACETONE	67-64-1	30 - 50 %
PROPANE	74-98-6	20 - 30 %
N-BUTYL ACETATE	123-86-4	10 - 20 %
BUTANE NORMAL	106-97-8	10 - 20 %
ETHYL ACETATE	141-78-6	1 - 5 %
ETHYL ESTER	763-69-9	1 - 5 %

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.

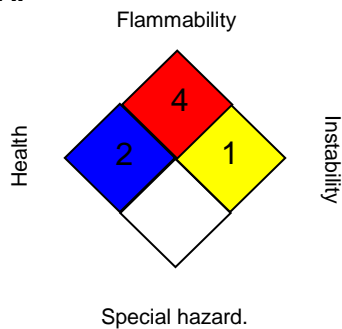
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SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	4
PHYSICAL HAZARD	1

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

none
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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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