

		Page: 1
SAFETY DATA SHEET		Revision Date: 07/30/2015
		Print Date: 2/14/2017
		SDS Number: R0405704
Car Brite™ PROTECT-ALL Satin Gloss Dressing		Version: 1.1
CBOOC004-05-S5		

29 CFR 1910.1200 (OSHA HazCom 2012)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Trade name : Car Brite™ PROTECT-ALL
Satin Gloss Dressing

Recommended use of the chemical and restrictions on use

Details of the supplier of the safety data sheet Niteo Products, LLC P.O. Box 191629 Dallas TX 75219 United States of America	Emergency telephone number CHEMTREC DIRECT 1-800-424-9300 Product Information 1-844-696-4836
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SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).

GHS Label element

This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Defatter

Hazardous components

Chemical Name	CAS-No.	Classification	Concentration (%)
GLYCERIN	56-81-5	Not a hazardous substance or mixture.	3.00

NiTEO PRODUCTS		Page: 2
SAFETY DATA SHEET		Revision Date: 07/30/2015
		Print Date: 2/14/2017
		SDS Number: R0405704
Car Brite™ PROTECT-ALL Satin Gloss Dressing		Version: 1.1
CBOOC004-05-S5		

SECONDARY ALCOHOL ETHOXYLATE	84133-50-6	Skin Irrit. 2; H315 Eye Irrit. 2A; H319 Aquatic Acute 3; H402	1.73
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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	: Remove contaminated clothing. If irritation develops, get medical attention. If on skin, rinse well with water. Wash contaminated clothing before re-use.
In case of eye contact	: Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.
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	: Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea) irritation (nose, throat, airways)
Notes to physician	: No hazards which require special first aid measures.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray Foam Carbon dioxide (CO2)
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		Page: 3
SAFETY DATA SHEET		Revision Date: 07/30/2015
		Print Date: 2/14/2017
		SDS Number: R0405704
Car Brite™ PROTECT-ALL Satin Gloss Dressing		Version: 1.1
CBOOC004-05-S5		

Dry chemical

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 dioxide and carbon monoxide
formaldehyde
Hydrocarbons
silicon oxides
Aldehydes
nitrogen oxides (NOx)

Specific extinguishing methods :

Product is compatible with standard fire-fighting agents.

Further information : Standard procedure for chemical fires.

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.
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental precautions : Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up : Keep in suitable, closed containers for disposal.

Other information : Comply with all applicable federal, state, and local regulations.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Avoid contact with skin and eyes.
Smoking, eating and drinking should be prohibited in the application area.
For personal protection see section 8.
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.

		Page: 4
SAFETY DATA SHEET		Revision Date: 07/30/2015
		Print Date: 2/14/2017
		SDS Number: R0405704
Car Brite™ PROTECT-ALL Satin Gloss Dressing		Version: 1.1
CBOOC004-05-S5		

Electrical installations / working materials must comply with the technological safety standards.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
GLYCERIN	56-81-5	PEL	15 mg/m3 Total dust.	OSHA_TRANS
		PEL	5 mg/m3 Respirable fraction.	OSHA_TRANS

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

Hand protection

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

Eye protection : Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

Skin and body protection : Wear as appropriate:
impervious clothing
Safety shoes
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Wear resistant gloves (consult your safety equipment supplier).

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Physical state : liquid

		Page: 5
SAFETY DATA SHEET		Revision Date: 07/30/2015
		Print Date: 2/14/2017
		SDS Number: R0405704
Car Brite™ PROTECT-ALL Satin Gloss Dressing		Version: 1.1
CBOOC004-05-S5		

Colour	: white
Odour	: mild
Odour Threshold	: No data available
pH	: 10
Melting point/freezing point	: 32 °F / 0 °C
	No data available
Boiling point/boiling range	: 212 °F / 100 °C
Flash point	: Not applicable
Evaporation rate	: 0.36 Water
Flammability (solid, gas)	: No data available
Upper explosion limit	: 11.2 %(V) GLP: Calculated Explosive Limit
Lower explosion limit	: 1.4 %(V) GLP: Calculated Explosive Limit
Vapour pressure	: No data available
Relative vapour density	: 3.1(Air = 1.0)
Relative density	: No data available
Density	: 1.00 g/cm3
Solubility(ies)	
Water solubility	: soluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Thermal decomposition	: No data available
Viscosity	
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Oxidizing properties	: No data available

		Page: 6
SAFETY DATA SHEET		Revision Date: 07/30/2015
		Print Date: 2/14/2017
		SDS Number: R0405704
Car Brite™ PROTECT-ALL Satin Gloss Dressing		Version: 1.1
CBOOC004-05-S5		

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: Product will not undergo hazardous polymerization.
Incompatible materials	: Strong acids Strong bases Strong oxidizing agents
Hazardous decomposition products	acrolein Aldehydes carbon dioxide and carbon monoxide formaldehyde Hydrocarbons silicon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	: Inhalation Skin contact Eye Contact Ingestion
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Acute toxicity

Not classified based on available information.

Components:

GLYCERIN:

Acute oral toxicity	: LD 50 (Rat): 12,600 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	: LC 50 (Rat): > 570 mg/m ³ Exposure time: 1 h Assessment: Not classified as acutely toxic by inhalation under GHS.
Acute dermal toxicity	: LD 50 (Rabbit): > 10 g/kg

SECONDARY ALCOHOL ETHOXYLATE:

Acute oral toxicity	: LD 50 (Rat): > 5,000 mg/kg
Acute dermal toxicity	: LD 50 (Rabbit): > 5,000 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Components:

		Page: 7
SAFETY DATA SHEET		Revision Date: 07/30/2015
		Print Date: 2/14/2017
		SDS Number: R0405704
Car Brite™ PROTECT-ALL Satin Gloss Dressing		Version: 1.1
CBOOC004-05-S5		

GLYCERIN:

Result: Not irritating to skin

SECONDARY ALCOHOL ETHOXYLATE:

Result: Irritating to skin

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

Components:

GLYCERIN:

Result: Mildly irritating to eyes

SECONDARY ALCOHOL ETHOXYLATE:

Result: Irritating to eyes

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks: No data available

Carcinogenicity:

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 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.

		Page: 8
SAFETY DATA SHEET		Revision Date: 07/30/2015
		Print Date: 2/14/2017
		SDS Number: R0405704
Car Brite™ PROTECT-ALL Satin Gloss Dressing		Version: 1.1
CBOOC004-05-S5		

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

GLYCERIN:

Toxicity to fish : LC 50 (Goldfish (*Carassius auratus*)): > 5,000 mg/l
 Exposure time: 24 h
 Method: Static
 Remarks: Mortality

Toxicity to daphnia and other aquatic invertebrates : LC 50 (Water flea (*Daphnia magna*)): > 10,000 mg/l
 Exposure time: 24 h
 Method: Static
 Remarks: Mortality

SECONDARY ALCOHOL ETHOXYLATE:

Toxicity to fish : LC 50 (*Pimephales promelas* (fathead minnow)): 39 mg/l
 Exposure time: 96 h
 Test Type: static test

Toxicity to daphnia and other aquatic invertebrates : LC 50 (*Daphnia magna* (Water flea)): 45 mg/l
 Exposure time: 48 h

Toxicity to bacteria : IC50 (Bacteria): > 750 mg/l
 Exposure time: 16 h

Persistence and degradability

Components:

SECONDARY ALCOHOL ETHOXYLATE:

Biodegradability : Result: Readily biodegradable
 Biodegradation: > 60 %
 Exposure time: 28 d
 Method: OECD Test Guideline 301F

Bioaccumulative potential

Components:

GLYCERIN:

Partition coefficient: n-octanol/water : log Pow: -1.76

Mobility in soil

Components:

No data available

Other adverse effects

No data available

		Page: 9
SAFETY DATA SHEET		Revision Date: 07/30/2015
		Print Date: 2/14/2017
		SDS Number: R0405704
Car Brite™ PROTECT-ALL Satin Gloss Dressing		Version: 1.1
CBOOC004-05-S5		

Product:

Additional ecological information : No data available

Components:

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

General advice : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International transport regulations

REGULATION

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
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U.S. DOT - ROAD

Not dangerous goods

CFR_RAIL_C

Not dangerous goods

U.S. DOT - INLAND WATERWAYS

Not dangerous goods

TDG_ROAD_C

Not dangerous goods

TDG_RAIL_C

		Page: 10
SAFETY DATA SHEET		Revision Date: 07/30/2015
		Print Date: 2/14/2017
		SDS Number: R0405704
Car Brite™ PROTECT-ALL Satin Gloss Dressing		Version: 1.1
CBOOC004-05-S5		

Not dangerous goods

TDG_INWT_C

Not dangerous goods

INTERNATIONAL MARITIME DANGEROUS GOODS

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

Not dangerous goods

MX_DG

Not dangerous goods

***ORM = ORM-D, CBL = COMBUSTIBLE LIQUID**

Marine pollutant	no
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Dangerous goods descriptions (if indicated above) 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.

SECTION 15. REGULATORY INFORMATION

SARA 311/312 Hazards : No SARA Hazards

SARA 313 Component(s) : 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.

Pennsylvania Right To Know

WATER	7732-18-5	70.00 - 90.00 %
DIMETHYL SILICONES AND SILOXANES	63148-62-9	5.00 - 10.00 %
GLYCERIN	56-81-5	1.00 - 5.00 %

New Jersey Right To Know

WATER	7732-18-5	70.00 - 90.00 %
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		Page: 11
SAFETY DATA SHEET		Revision Date: 07/30/2015
		Print Date: 2/14/2017
		SDS Number: R0405704
Car Brite™ PROTECT-ALL Satin Gloss Dressing		Version: 1.1
CBOOC004-05-S5		

DIMETHYL SILICONES AND SILOXANES 63148-62-9 5.00 - 10.00 %

GLYCERIN 56-81-5 1.00 - 5.00 %

SECONDARY ALCOHOL ETHOXYLATE 84133-50-6 1.00 - 5.00 %

California Prop 65

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

ETHYLENE GLYCOL 109-86-4
MONOMETHYL ETHER

The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory

DSL : All components of this product are on the Canadian DSL.

AICS : On the inventory, or in compliance with the inventory

NZIOC : On the inventory, or in compliance with the inventory

ENCS : On the inventory, or in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory

PICCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

Inventories

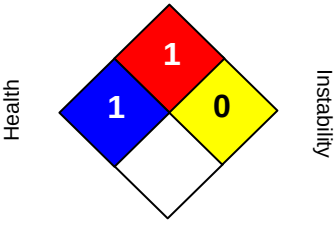
AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

NiTEO PRODUCTS		Page: 12
SAFETY DATA SHEET		Revision Date: 07/30/2015
		Print Date: 2/14/2017
		SDS Number: R0405704
Car Brite™ PROTECT-ALL Satin Gloss Dressing		Version: 1.1
CBOOC004-05-S5		

SECTION 16. OTHER INFORMATION

Further information

Revision Date: 07/30/2015

NFPA:	HMIS III:						
Flammability Health Instability Special hazard. 	<table border="1"> <tr> <td>HEALTH</td><td>2</td></tr> <tr> <td>FLAMMABILITY</td><td>1</td></tr> <tr> <td>PHYSICAL HAZARD</td><td>0</td></tr> </table> 0 = not significant, 1 = Slight, 2 = Moderate, 3 = High 4 = Extreme, * = Chronic	HEALTH	2	FLAMMABILITY	1	PHYSICAL HAZARD	0
HEALTH	2						
FLAMMABILITY	1						
PHYSICAL HAZARD	0						

NFPA Flammable and Combustible Liquids Classification

Not applicable

Full text of H-Statements referred to under sections 2 and 3.

H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H313	May be harmful in contact with skin.

Sources of key data used to compile the Safety Data Sheet

Internal data including own and sponsored test reports

The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

Cefic, the European Chemical Industry Council.

ESIS European Chemical Substances Information System

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Niteo's Environmental Health and Safety Department (1-844-696-4836).

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :

ACGIH : American Conference of Industrial Hygienists

BEI : Biological Exposure Index

CAS : Chemical Abstracts Service (Division of the American Chemical Society).

CMR : Carcinogenic, Mutagenic or Toxic for Reproduction

		Page: 13
SAFETY DATA SHEET		Revision Date: 07/30/2015
		Print Date: 2/14/2017
		SDS Number: R0405704
Car Brite™ PROTECT-ALL Satin Gloss Dressing		Version: 1.1
CBOOC004-05-S5		

FG : Food grade

GHS : Globally Harmonized System of Classification and Labeling of Chemicals.

H-statement : Hazard Statement

IATA : International Air Transport Association.

IATA-DGR : Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO : International Civil Aviation Organization

ICAO-TI (ICAO) : Technical Instructions by the "International Civil Aviation Organization"

IMDG : International Maritime Code for Dangerous Goods

ISO : International Organization for Standardization

logPow : octanol-water partition coefficient

LCxx : Lethal Concentration, for xx percent of test population

LDxx : Lethal Dose, for xx percent of test population.

ICxx : Inhibitory Concentration for xx of a substance

Ecxx : Effective Concentration of xx

N.O.S.: Not Otherwise Specified

OECD : Organization for Economic Co-operation and Development

OEL : Occupational Exposure Limit

P-Statement : Precautionary Statement

PBT : Persistent , Bioaccumulative and Toxic

PPE : Personal Protective Equipment

STEL : Short-term exposure limit

STOT : Specific Target Organ Toxicity

TLV : Threshold Limit Value

TWA : Time-weighted average

vPvB : Very Persistent and Very Bioaccumulative

WEL : Workplace Exposure Level

CERCLA : Comprehensive Environmental Response, Compensation, and Liability Act

DOT : Department of Transportation

FIFRA : Federal Insecticide, Fungicide, and Rodenticide Act

HMIRC : Hazardous Materials Information Review Commission

HMIS : Hazardous Materials Identification System

NFPA : National Fire Protection Association

NIOSH : National Institute for Occupational Safety and Health

OSHA : Occupational Safety and Health Administration

PMRA : Health Canada Pest Management Regulatory Agency

RTK : Right to Know

WHMIS : Workplace Hazardous Materials Information System