

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Glacier Glaze

Date of compilation: 2015-08-14

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Product name: **Glacier Glaze 322-1**

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture and uses advised against: vehicle polish

#### 1.3 Details of the supplier of the safety data sheet

Auto Brite Inc.  
107 Sin Nombre Ct NE  
Albuquerque, NM 87113  
505-342-2778

#### 1.4 Emergency telephone number

Emergency information service: **Infotrac 1.800.535.5053**  
24 hour emergency telephone number.

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Annex	-	Hazard class and category	-	Hazard statement code(s)	
A.2		skin corrosion/irritation	Cat. 2	(Skin Irrit. 2)	H315
A.7		reproductive toxicity	Cat. 2	(Repr. 2)	H361f
A.10		aspiration hazard	Cat. 1	(Asp. Tox. 1)	H304

#### Remarks

For full text of H-phrases: see SECTION 16.

#### Hazards not otherwise classified

Very toxic to aquatic life with long lasting effects (GHS category 1: aquatic toxicity - acute and chronic).

#### 2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200) Signal

word **danger**

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Glacier Glaze

Date of compilation: 2015-08-14

### Pictograms

GHS07, GHS08



### Hazard statements

H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H361f Suspected of damaging fertility.

### Precautionary statements

#### **Precautionary statements - prevention**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.

#### **Precautionary statements - response**

IF SWALLOWED: immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Wash with plenty of water.  
IF exposed or concerned: get medical advice/attention. Specific treatment (see on this label).  
Do NOT induce vomiting.  
If skin irritation occurs: get medical advice/attention.  
Take off contaminated clothing and wash it before reuse.

#### **Precautionary statements - storage**

Store locked up.

#### **Precautionary statements - disposal**

Dispose of contents/container in accordance with local/regional/national/international regulation.

#### **Hazardous ingredients for labelling**

dimethylsiloxane cyclic tetramer, odorless mineral spirits

### **2.3 Other hazards**

Special danger of slipping by leaking/spilling product.

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Glacier Glaze

Date of compilation: 2015-08-14

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

not relevant (mixture)

#### 3.2 Mixtures

##### Description of the mixture

Name of substance	Identifier	Wt%	Hazard class and category		Hazard statement
odorless mineral spirits	CAS No 64742-48-9	10 - < 25	B.6 A.2 A.8D A.10	Flam. Liq. 3 Skin Irrit. 2 STOT SE 3 Asp. Tox. 1	H226 H315 H336 H304
dimethylsiloxane cyclic tetramer	CAS No 556-67-2	10 - < 25	B.6 A.7	Flam. Liq. 3 Repr. 2	H226 H361f
decamethylcyclopentasiloxane	CAS No 541-02-6	1 - < 5	B.6	Flam. Liq. 4	H227

For full text of abbreviations: see SECTION 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

##### Following inhalation

In case of respiratory tract irritation, consult a physician. Provide fresh air.

##### Following skin contact

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

##### Following eye contact

Irrigate copiously with clean, fresh water, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing.

##### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Glacier Glaze

Date of compilation: 2015-08-14

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

water spray, alcohol resistant foam, BC-powder, carbon dioxide (CO<sub>2</sub>)

##### Unsuitable extinguishing media

water jet

#### 5.2 Special hazards arising from the substance or mixture

##### Hazardous combustion products

nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>)

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

##### For non-emergency personnel

Remove persons to safety.

##### For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

#### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it.

#### 6.3 Methods and material for containment and cleaning up

##### Advices on how to contain a spill

Covering of drains.

##### Advices on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).

##### Appropriate containment techniques

Use of adsorbent materials.

##### Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Glacier Glaze

Date of compilation: 2015-08-14

### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal precautions: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Recommendations

#### Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

#### Advice on general occupational hygiene

Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Managing of associated risks

#### Incompatible substances or mixtures

Observe compatible storage of chemicals.

#### Control of the effects

#### Protect against external exposure, such as

frost

### 7.3 Specific end use(s)

See section 16 for a general overview.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### National limit values

#### Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Source
US	petroleum distillates (naphtha) (rubber	64742-48-9	PEL	500	2,000			29 CFR OSHA

#### Notation

STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified.

TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average.

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Glacier Glaze

Date of compilation: 2015-08-14

### Relevant DNELs/DMELs/PNECs and other threshold levels

No data available.

### 8.2 Exposure controls

#### Appropriate engineering controls

General ventilation.

#### Individual protection measures (personal protective equipment)

##### Eye/face protection

Wear eye/face protection.

##### Skin protection

##### • hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### • other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

##### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Physical state liquid (viscous)

Color off-white

Odor sweet

#### Other physical and chemical parameters

pH (value) not determined

Melting point/freezing point not determined

Initial boiling point and boiling range 100 °C

Flash point >100 °C at 101.3 kPa >212 °F at 1 atm (closed cup)

Evaporation rate not determined

Flammability (solid, gas) not relevant (fluid)

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Glacier Glaze

Date of compilation: 2015-08-14

---

Explosive limits	
• lower explosion limit (LEL)	0.7 vol%
• upper explosion limit (UEL)	5.4 vol%
Vapor pressure	132 Pa at 25 °C
Density	0.99 g/cm <sup>3</sup> at 25 °C
Solubility(ies)	not determined
Partition coefficient	
n-octanol/water (log KOW)	This information is not available.
Auto-ignition temperature	325 °C
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

#### 10.2 Chemical stability

See below "Conditions to avoid".

#### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

#### Physical stresses which might result in a hazardous situation and have to be avoided

strong shocks

#### 10.5 Incompatible materials

There is no additional information.

#### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Glacier Glaze

Date of compilation: 2015-08-14

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

##### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

##### Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200) Acute

##### toxicity

Shall not be classified as acutely toxic.

##### Skin corrosion/irritation

Causes skin irritation.

##### Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

##### Summary of evaluation of the CMR properties

Suspected of damaging fertility.

Shall not be classified as carcinogenic.

Shall not be classified as germ cell mutagenic.

##### Carcinogenicity

- National Toxicology Program (United States): none of the ingredients are listed
- IARC Monographs none of the ingredients are listed

##### Specific target organ toxicity (STOT)

Shall not be classified as a specific target organ toxicant.

##### Aspiration hazard

May be fatal if swallowed and enters airways.

### SECTION 12: Ecological information

#### 12.1 Toxicity

##### Aquatic toxicity (acute)

Shall not be classified as hazardous to the aquatic environment.

##### Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
dimethylsiloxane cyclic tetramer	556-67-2	LC50	>22 µg/l	fish	96 hours
dimethylsiloxane cyclic tetramer	556-67-2	EC50	>1,000 mg/l	aquatic invertebrates	96 hours
decamethylcyclopentasiloxane	541-02-6	LC50	>16 µg/l	fish	96 hours
decamethylcyclopentasiloxane	541-02-6	EC50	>2.9 µg/l	aquatic invertebrates	48 hours



# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Glacier Glaze

Date of compilation: 2015-08-14

### Aquatic toxicity (chronic)

#### Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
odorless mineral spirits	64742-48-9	EC50	15.41 mg/l	microorganisms	40 h
dimethylsiloxane cyclic tetramer	556-67-2	LC50	10 µg/l	fish	14 d
dimethylsiloxane cyclic tetramer	556-67-2	EC50	>500 mg/l	aquatic invertebrates	24 h
decamethylcyclopentasiloxane	541-02-6	LC50	>16 µg/l	fish	14 d
decamethylcyclopentasiloxane	541-02-6	EC50	>15 µg/l	aquatic invertebrates	21 d

### 12.2 Persistence and degradability

Data are not available.

#### Degradability of components of the mixture

Name of substance	CAS No	Process	Degradation rate	Time
dimethylsiloxane cyclic tetramer	556-67-2	carbon dioxide generation	3.7 %	29 d
decamethylcyclopentasiloxane	541-02-6	carbon dioxide generation	0.14 %	28 d

### 12.3 Bioaccumulative potential

Data are not available.

#### Bioaccumulative potential of components of the mixture

Name of substance	CAS No	BCF	Log KOW	BOD5/COD
dimethylsiloxane cyclic tetramer	556-67-2	12,400	4.45	
decamethylcyclopentasiloxane	541-02-6	7,060	4.76	

### 12.4 Mobility in soil

Data are not available.

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Glacier Glaze

Date of compilation: 2015-08-14

### 12.5 Results of PBT and vPvB assessment

Data are not available.

### 12.6 Other adverse effects

Data are not available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

#### Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

## SECTION 14: Transport information

14.1	UN number	(not subject to transport regulations)
14.2	UN proper shipping name	not relevant
14.3	Transport hazard class(es)	
	Class	-
14.4	Packing group	not relevant
14.5	Environmental hazards	none (non-environmentally hazardous acc. to the dangerous goods regulations)
14.6	Special precautions for user	
	There is no additional information.	
14.7	Transport in bulk according to Annex II of MARPOL and the IBC Code	
	The cargo is not intended to be carried in bulk.	

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Glacier Glaze

Date of compilation: 2015-08-14

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations specific for the product in question

##### National regulations (United States)

##### SARA TITLE III (Superfund Amendment and Reauthorization Act)

List of Extremely Hazardous Substances (40 CFR 355) (EPCRA Section 302 and 304) none of the ingredients are listed

Specific Toxic Chemical Listings (40 CFR 372) (EPCRA Section 313) none of the ingredients are listed

##### Industry or sector specific available guidance(s)

##### NPCA-HMIS® III

Hazardous Materials Identification System (American Coatings Association)

Category	Rating	Description
Chronic	*	Chronic (long-term) health effects may result from repeated overexposure.
Health	2	Temporary or minor injury may occur.
Flammability	1	Materials that must be preheated before ignition can occur.
Physical hazard	0	Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosives.
Personal protective equipment	-	

##### NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States) - National Fire Protection Association (United States)

Category	Degree of hazard	Description
Flammability	1	Materials that must be preheated before ignition can occur.
Health	2	Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
Instability	0	Materials that are normally stable, even under fire conditions.
Special hazard		

Right to Know Hazardous Substance List none of the ingredients are listed

Proposition 65 List of chemicals none of the ingredients are listed

##### Relevant European Union (EU) safety, health and environmental provisions

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Glacier Glaze

Date of compilation: 2015-08-14

### Classification according to GHS (1272/2008/EC, CLP)

#### Hazard class

skin corrosion/irritation  
reproductive toxicity  
aspiration hazard  
hazardous to the aquatic environment - chronic hazard

#### Category

2 (Skin Irrit. 2)  
2 (Repr. 2)  
1 (Asp. Tox. 1)  
3 (Aquatic Chronic 3)

#### Hazard class and category

## SECTION 16: Other information

### 16.1 Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)
1.3	Details of the supplier of the safety data	Details of the supplier of the safety data sheet: Auto Brite 107 Sin Nombre Ct NE Albuquerque, NM 87113  Telephone: 505-342-2778
1.3		

### 16.2 Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
29 CFR OSHA	29 CFR §1910.1001 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)
Asp. Tox.	aspiration hazard
BCF	BioConcentration Factor
BOD	Biochemical Oxygen Demand
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
COD	chemical oxygen demand
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
Flam. Liq.	flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IARC Monographs	IARC Monographs on the Evaluation of Carcinogenic Risks to Humans
log KOW	n-octanol/water
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NFPA® 704	National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States)

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Glacier Glaze

Date of compilation: 2015-08-14

Abbr.	Descriptions of used abbreviations
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	parts per million
Repr.	reproductive toxicity
Skin Corr.	corrosive to skin
Skin Irrit.	irritant to skin
STOT SE	specific target organ toxicity - single exposure
vPvB	very Persistent and very Bioaccumulative

### 16.3 Key literature references and sources for data

- OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200
- 49 CFR § 172.101 Hazardous Materials Table (DOT)

### 16.4 Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards/Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### 16.5

#### List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H226	flammable liquid and vapor
H227	combustible liquid
H304	may be fatal if swallowed and enters airways
H315	causes skin irritation
H336	may cause drowsiness or dizziness
H361f	suspected of damaging fertility

### 16.7

#### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.