

Bloomco Chrome and Glass Polish

Version number: GHS 1.0

Date of compilation: 2020-07-27

SECTION 1: Identification

1.1 Product identifier

Trade name **Bloomco Chrome and Glass Polish**

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

Relevant identified uses Chrome/glass polish

1.3 Details of the supplier of the safety data sheet

Bloomco, Division of Double B Automotive Warehousing Inc.
5035 North Service Road, #B1
Burlington, Ontario, Canada L7L 5V2

Telephone: (905) 332-8070 OR
1-(800) 667-9168
Website: Bloomco.ca
Email (competent person): info@bloomco.ca

1.4 Emergency telephone number

Emergency information service

CANUTEC 613-996-6666 OR *666 for cell phones

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture Classification acc. to GHS

Section	Hazard class	Category	Hazard class and category	Hazard statement
3.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
3.9	specific target organ toxicity - repeated exposure	1	STOT RE 1	H372

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects Delayed or immediate effects can be expected after short or long-term exposure.

2.2 Label elements

Labeling

- Signal word danger

- Pictograms

GHS07, GHS08



- Hazard statements

H315 Causes skin irritation.
H372 Causes damage to organs through prolonged or repeated exposure.

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- Precautionary statements

- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P270 Do not eat, drink or smoke when using this product.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P314 Get medical advice/attention if you feel unwell.
- P321 Specific treatment (see on this label).
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- Hazardous ingredient ; for labelling Kieselguhr, soda ash flux-calcined

2.3 Other hazards

Special danger of slipping by leaking/spilling product.

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Description of the mixture

Hazardous ingredients acc. to GHS				
Name of substance	Identifier	Wt%	Classification acc. to GHS	Notes
odorless mineral spirits	CAS No 64742-48-9	12 – < 20	Flam. Liq. 3 / H226 Acute Tox. 3 / H331 Skin Irrit. 2 / H315 STOT SE 3 / H336 Asp. Tox. 1 / H304	
Kieselguhr, soda ash flux-calcined	CAS No 68855-54-9	3 – < 12	Acute Tox. 4 / H332 STOT RE 1 / H372	
morpholine	CAS No 110-91-8	0.1 – < 1	Flam. Liq. 3 / H226 Acute Tox. 4 / H302 Acute Tox. 3 / H311 Acute Tox. 4 / H332 Skin Corr. 1B / H314 Eye Dam. 1 / H318	



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carbomer	CAS No 9003-01-4	0.1 – < 1	Acute Tox. 4 / H302 Acute Tox. 3 / H331 Eye Dam. 1 / H318 STOT SE 3 / H335	
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For full text of abbreviations: see SECTION 16. Eksakt prosentandel av ingrediensens holdes tilbake som en handelshemmelighet.
This table, if present, includes all GHS classified ingredients present above their cut-off limits, even if the finished product is not classified as hazardous by GHS.

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

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

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.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, Alcohol resistant foam, BC-powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media Water

jet

5.2 Special hazards arising from the substance or mixture Hazardous combustion

products

Nitrogen oxides (NO_x), Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate 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



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

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not required

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

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Advice 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.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: 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 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

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

Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
CA	morpholine	110-91-8	OEL (AB)	20	71						OHS Code
CA	morpholine	110-91-8	OEL (BC)	20							"BC Regulation"
CA	morpholine	110-91-8	OEL (ONMoL)	20							MoL
CA	morpholine	110-91-8	PEV/ VEA	20	71						Regulation OHS



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Notation

- Ceiling-C ceiling value is a limit value above which exposure should not occur
- 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 (unless otherwise specified)

Relevant DNELs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Kieselguhr, soda ash flux-calcined	68855-54-9	DNEL	0.05 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
morpholine	110-91-8	DNEL	36 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
morpholine	110-91-8	DNEL	1.04 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
morpholine	110-91-8	DNEL	91 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
carbomer	9003-01-4	DNEL	1.97 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
carbomer	9003-01-4	DNEL	0.56 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Relevant PNECs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
Kieselguhr, soda ash flux-calcined	68855-54-9	PNEC	100 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
Kieselguhr, soda ash flux-calcined	68855-54-9	PNEC	100 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
morpholine	110-91-8	PNEC	0.1 mg/l	aquatic organisms	freshwater	short-term (single instance)
morpholine	110-91-8	PNEC	10 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
morpholine	110-91-8	PNEC	0.01 mg/l	aquatic organisms	marine water	short-term (single instance)
morpholine	110-91-8	PNEC	1.49 mg/kg	benthic organisms	sediments	short-term (single instance)
morpholine	110-91-8	PNEC	0.149 mg/kg	pelagic organisms	sediments	short-term (single instance)
morpholine	110-91-8	PNEC	0.239 mg/kg	terrestrial organisms	soil	short-term (single instance)
morpholine	110-91-8	PNEC	0.28 mg/l	aquatic organisms	water	intermittent release



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carbomer	9003-01-4	PNEC	0.003 mg/l	aquatic organisms	freshwater	short-term (single instance)
carbomer	9003-01-4	PNEC	0 mg/l	aquatic organisms	marine water	short-term (single instance)
Relevant PNECs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
carbomer	9003-01-4	PNEC	0.9 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
carbomer	9003-01-4	PNEC	0.021 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
carbomer	9003-01-4	PNEC	0.002 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
carbomer	9003-01-4	PNEC	0.003 mg/kg	terrestrial organisms	soil	short-term (single instance)

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.

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	pink



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Odor	characteristic
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Other safety parameters

pH (value)	8.84 (25 °C)
Melting point/freezing point	not determined
Initial boiling point and boiling range	>100 °C at 101.3 kPa
Flash point	>100 °C at 101.3 kPa >212 °F at 1 atm
Evaporation rate	not determined
Flammability (solid, gas)	not relevant, (fluid)

Explosive limits

- Lower explosion limit (LEL)	0.7 vol%
- Upper explosion limit (UEL)	5 vol%
Vapor pressure	31.69 hPa at 25 °C
Density	not determined
Vapor density	this information is not available
Relative density	information on this property is not available

Solubility(ies)



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9.2	- Water solubility	miscible in any proportion
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Partition coefficient

- n-octanol/water (log KOW)	this information is not available
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Auto-ignition temperature	°C
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Viscosity

- Kinematic viscosity	3,000 cSt at 25 °C
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Explosive properties	not explosive (GHS of the United Nations, annex 4)
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Oxidizing properties	none
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Other information

Temperature class (USA, acc. to NEC 500)	T2 (maximum permissible surface temperature on the equipment: 300°C)
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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.

10.5 Incompatible materials

Oxidizers

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.

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 GHS

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components of the mixture			
Name of substance	CAS No	Exposure route	ATE
odorless mineral spirits	64742-48-9	inhalation: vapour	5 mg/l/4h
Kieselguhr, soda ash flux-calcined	68855-54-9	inhalation: dust/mist	2.6 mg/l/4h
morpholine	110-91-8	oral	1,900 mg/kg
morpholine	110-91-8	dermal	500 mg/kg
morpholine	110-91-8	inhalation: vapour	11 mg/l/4h
carbomer	9003-01-4	oral	500 mg/kg
carbomer	9003-01-4	inhalation: vapour	5.1 mg/l/4h
carbomer	9003-01-4	inhalation: dust/mist	0.5 mg/l/4h

Skin corrosion/irritation Causes skin irritation.



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Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Harmful to aquatic life with long lasting effects.

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
Kieselguhr, soda ash flux-calcined	68855-54-9	EC50	>1,000 mg/l	microorganisms	3 h
morpholine	110-91-8	EC50	12 mg/l	aquatic invertebrates	21 d

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Endocrine disrupting potential None
of the ingredients are listed.



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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 assigned
14.3	Transport hazard class(es)	not assigned
14.4	Packing group	not assigned
14.5	Environmental hazards	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.

Information for each of the UN Model Regulations

Transport information - National regulations - Additional information (UN RTDG) not assigned
International Maritime Dangerous Goods Code (IMDG)

Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR)

Not subject to ICAO-IATA.

SECTION 15: Regulatory information

15.1 **Safety, health and environmental regulations specific for the product in question National regulations (United States) Toxic Substance Control Act (TSCA) all ingredients are listed Superfund Amendment and Reauthorization Act (SARA TITLE III)**

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)
none of the ingredients are listed

Clean Air Act

none of the ingredients are listed



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California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987 none of the ingredients are listed **VOC content**

- Regulated Volatile Organic Compounds (VOC-EPA) 32.31 %
- Regulated Volatile Organic Compounds (VOC-Cal ARB) 32.31 %

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	material that must be preheated before ignition can occur
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

Chronic: chronic hazard
 Flammability: flammability hazard
 Health: health hazard
 Personal protection: personal protective equipment (PPE) for normal use
 Physical hazard: reactivity

NFPA® 704

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

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

National regulations (Canada)

Domestic Substances List (DSL)

All ingredients are listed.

National inventories

Country	Inventory	Status
CA	DSL	all ingredients are listed
EU	REACH Reg.	not all ingredients are listed
US	TSCA	all ingredients are listed

Legend

DSL Domestic Substances List (DSL)



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Legend

REACH Reg. REACH registered substances
TSCA Toxic Substance Control Act

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information, including date of preparation or last revision

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
"BC Regulation"	OHS Regulation: Section 5.48 (British Columbia)
Acute Tox.	Acute toxicity
Asp. Tox.	Aspiration hazard
ATE	Acute Toxicity Estimate
Cal ARB	California Air Resources Board
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EPA	Environmental Protection Agency. An agency of the federal government of the United States charged with protecting human health and the environment
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
MoL	Ministry of Labor: Current Occupational Exposure Limits for Ontario Workplaces Required under Regulation 833
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition



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OHS Code	Occupational Health and Safety Code: Occupational exposure limits for chemical substances (Alberta)
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
Regulation OHS	Regulation respecting occupational health and safety: Permissible exposure values for airborne contaminants (Quebec)
Abbr.	Descriptions of used abbreviations
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
STEL	Short-term exposure limit
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure
TWA	Time-weighted average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

Hazardous Products Regulations (HPR).

UN Recommendations on the Transport of Dangerous Good. International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

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).

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

Code	Text
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.



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H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.

Disclaimer

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