



## Safety Data Sheet

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<b>Document Group:</b>	28-2192-4	<b>Version Number:</b>	8.00
<b>Issue Date:</b>	01/23/20	<b>Supersedes Date:</b>	12/26/19

### SECTION 1: Identification

#### 1.1. Product identifier

Convertible Top Cleaner G20 [G2016]

#### Product Identification Numbers

14-1000-0634-6, 14-1000-6331-3  
7000043825

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Automotive, Cleaner

#### 1.3. Supplier's details

<b>MANUFACTURER:</b>	Meguiar's, Inc.
<b>DIVISION:</b>	Meguiar's
<b>ADDRESS:</b>	17991 Mitchell South, Irvine, CA 92614, USA
<b>Telephone:</b>	949-752-8000 (Fax: 949-752-5784)

#### 1.4. Emergency telephone number

CHEMTREC 1-800-424-9300 (24 hours)

### SECTION 2: Hazard identification

The label elements below were prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200. This information may be different from the actual product label information for labels regulated by other agencies.

#### 2.1. Hazard classification

Serious Eye Damage/Irritation: Category 1.

Skin Corrosion/Irritation: Category 2.

Specific Target Organ Toxicity (repeated exposure): Category 1.

#### 2.2. Label elements

**Signal word**

Danger

### Symbols

Corrosion | Health Hazard |

### Pictograms



### Hazard Statements

Causes serious eye damage.

Causes skin irritation.

Causes damage to organs through prolonged or repeated exposure:  
respiratory system |

### Precautionary Statements

#### General:

Keep out of reach of children.

#### Prevention:

Do not breathe dust/fume/gas/mist/vapors/spray.

Wear protective gloves and eye/face protection.

Do not eat, drink or smoke when using this product.

Wash thoroughly after handling.

#### Response:

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

IF ON SKIN: Wash with plenty of soap and water.

Immediately call a POISON CENTER or doctor/physician.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Get medical advice/attention if you feel unwell.

#### Disposal:

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

2% of the mixture consists of ingredients of unknown acute oral toxicity.

3% of the mixture consists of ingredients of unknown acute dermal toxicity.

16% of the mixture consists of ingredients of unknown acute inhalation toxicity.

## SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
C9-11 Alcohols Ethoxylated	68439-46-3	1 - 5 Trade Secret *
Lauryldimethylamine Oxide	1643-20-5	1 - 5 Trade Secret *
Sodium Carbonate	497-19-8	1 - 5 Trade Secret *
Sodium Metasilicate	6834-92-0	1 - 5 Trade Secret *
Tetrasodium EDTA	64-02-8	< 2 Trade Secret *

Any remaining components do not contribute to the hazards of this material.

\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Inhalation:

Remove person to fresh air. If you feel unwell, get medical attention.

#### Skin Contact:

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

#### Eye Contact:

Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

#### If Swallowed:

Rinse mouth. If you feel unwell, get medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1. Information on toxicological effects.

### 4.3. Indication of any immediate medical attention and special treatment required

Not applicable

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

In case of fire: Use a carbon dioxide or dry chemical extinguisher to extinguish.

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

Closed containers exposed to heat from fire may build pressure and explode.

### Hazardous Decomposition or By-Products

#### Substance

Carbon monoxide  
Carbon dioxide  
Irritant Vapors or Gases

#### Condition

During Combustion  
During Combustion  
During Combustion

### 5.3. Special protective actions for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

## SECTION 6: Accidental release measures

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

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for

information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

### 6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

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

Contain spill. For large spills, if necessary, get assistance from professional spill clean up team. For small spills, carefully neutralize spill by adding appropriate dilute acid such as vinegar. Work slowly to avoid boiling or spattering. Continue to add neutralizing agent until reaction stops. Let cool before collecting. Or use a commercially available caustic (alkaline or basic) spill clean-up kit. Follow kit directions exactly. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a metal container approved for use in transportation by appropriate authorities. The container must be lined with polyethylene plastic or contain a plastic drum liner made of polyethylene. Clean up residue with water. Cover, but do not seal for 48 hours. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Keep out of reach of children. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Keep away from reactive metals (eg. Aluminum, zinc etc.) to avoid the formation of hydrogen gas that could create an explosion hazard.

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

Store away from acids. Store away from oxidizing agents.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this SDS.

### 8.2. Exposure controls

#### 8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

#### 8.2.2. Personal protective equipment (PPE)

##### Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Full Face Shield

Indirect Vented Goggles

##### Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the

substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended: Polymer laminate

### Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

Physical state

Liquid

Color

Clear Colorless

Odor

Pleasant Odor

Odor threshold

*No Data Available*

pH

12.5 - 13.5

Melting point

*Not Applicable*

Boiling Point

212 °F

Flash Point

>= 200 °F [*Test Method: Pinsky-Martens Closed Cup*]

Evaporation rate

*No Data Available*

Flammability (solid, gas)

Not Applicable

Flammable Limits(LEL)

*No Data Available*

Flammable Limits(UEL)

*No Data Available*

Vapor Pressure

*No Data Available*

Vapor Density

*No Data Available*

Density

1.0 g/cm<sup>3</sup>

Specific Gravity

1.0 [*Ref Std: WATER=1*]

Solubility in Water

Complete

Solubility- non-water

*No Data Available*

Partition coefficient: n-octanol/ water

*No Data Available*

Autoignition temperature

*No Data Available*

Decomposition temperature

*No Data Available*

Viscosity

*No Data Available*

Hazardous Air Pollutants

0 % weight

Molecular weight

*No Data Available*

Volatile Organic Compounds

0.4 % weight

Percent volatile

60.4 % weight

VOC Less H<sub>2</sub>O & Exempt Solvents

10 g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

### 10.2. Chemical stability

Stable.

**10.3. Possibility of hazardous reactions**

Hazardous polymerization will not occur.

**10.4. Conditions to avoid**

Temperatures above the boiling point

**10.5. Incompatible materials**

Strong acids

Strong oxidizing agents

**10.6. Hazardous decomposition products****Substance****Condition**

None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

**SECTION 11: Toxicological information**

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

**11.1. Information on Toxicological effects****Signs and Symptoms of Exposure**

Based on test data and/or information on the components, this material may produce the following health effects:

**Inhalation:**

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

May cause additional health effects (see below).

**Skin Contact:**

Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain.

**Eye Contact:**

Corrosive (Eye Burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

**Ingestion:**

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

**Additional Health Effects:****Prolonged or repeated exposure may cause target organ effects:**

Respiratory Effects: Signs/symptoms may include cough, shortness of breath, chest tightness, wheezing, increased heart rate, bluish colored skin (cyanosis), sputum production, changes in lung function tests, and/or respiratory failure.

**Toxicological Data**

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

### Acute Toxicity

Name	Route	Species	Value
Overall product	Dermal		No data available; calculated ATE >5,000 mg/kg
Overall product	Inhalation-Dust/Mist(4 hr)		No data available; calculated ATE >12.5 mg/l
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Lauryldimethylamine Oxide	Ingestion	Mouse	LD50 2,700 mg/kg
C9-11 Alcohols Ethoxylated	Dermal	Rabbit	LD50 > 2,000 mg/kg
Lauryldimethylamine Oxide	Dermal	Rabbit	LD50 3,536 mg/kg
Sodium Metasilicate	Dermal	Rabbit	LD50 > 4,640 mg/kg
C9-11 Alcohols Ethoxylated	Ingestion	Rat	LD50 1,378 mg/kg
Sodium Metasilicate	Ingestion	Rat	LD50 500 mg/kg
Sodium Carbonate	Dermal	Rabbit	LD50 > 2,000 mg/kg
Sodium Carbonate	Ingestion	Rat	LD50 2,800 mg/kg
Tetrasodium EDTA	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 1.5 mg/l
Tetrasodium EDTA	Ingestion	Rat	LD50 1,658 mg/kg

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

Name	Species	Value
Overall product	Professional judgement	Irritant
C9-11 Alcohols Ethoxylated	Rabbit	Irritant
Sodium Metasilicate	Rabbit	Corrosive
Sodium Carbonate	Rabbit	No significant irritation
Tetrasodium EDTA	Rabbit	No significant irritation

### Serious Eye Damage/Irritation

Name	Species	Value
Overall product	In vitro data	Corrosive
C9-11 Alcohols Ethoxylated	Professional judgement	Corrosive
Sodium Metasilicate	Rabbit	Corrosive
Sodium Carbonate	Rabbit	Corrosive
Tetrasodium EDTA	Rabbit	Corrosive

### Skin Sensitization

Name	Species	Value
C9-11 Alcohols Ethoxylated	Guinea pig	Not classified
Lauryldimethylamine Oxide	Guinea pig	Not classified
Sodium Metasilicate	Mouse	Not classified
Tetrasodium EDTA	Human and animal	Not classified

### Respiratory Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Germ Cell Mutagenicity**

Name	Route	Value
C9-11 Alcohols Ethoxylated	In Vitro	Not mutagenic
Sodium Metasilicate	In Vitro	Not mutagenic
Sodium Metasilicate	In vivo	Not mutagenic
Sodium Carbonate	In Vitro	Not mutagenic
Tetrasodium EDTA	In Vitro	Some positive data exist, but the data are not sufficient for classification
Tetrasodium EDTA	In vivo	Some positive data exist, but the data are not sufficient for classification

**Carcinogenicity**

Name	Route	Species	Value
Tetrasodium EDTA	Ingestion	Multiple animal species	Not carcinogenic

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test Result	Exposure Duration
C9-11 Alcohols Ethoxylated	Dermal	Not classified for female reproduction	Rat	NOAEL 250 mg/kg/day	2 generation
C9-11 Alcohols Ethoxylated	Dermal	Not classified for development	Rat	NOAEL 250 mg/kg/day	2 generation
C9-11 Alcohols Ethoxylated	Dermal	Not classified for male reproduction	Rat	NOAEL 100 mg/kg/day	2 generation
Sodium Metasilicate	Ingestion	Not classified for development	Mouse	NOAEL 200 mg/kg/day	during gestation
Sodium Carbonate	Ingestion	Not classified for development	Mouse	NOAEL 340 mg/kg/day	during organogenesis
Tetrasodium EDTA	Ingestion	Not classified for female reproduction	Rat	NOAEL 250 mg/kg/day	4 generation
Tetrasodium EDTA	Ingestion	Not classified for male reproduction	Rat	NOAEL 250 mg/kg/day	4 generation
Tetrasodium EDTA	Ingestion	Not classified for development	Rat	LOAEL 1,000 mg/kg/day	during gestation

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
C9-11 Alcohols Ethoxylated	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Not available	NOAEL Not available	not available
Sodium Metasilicate	Inhalation	respiratory irritation	May cause respiratory irritation	official classification	NOAEL Not available	
Tetrasodium EDTA	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	Irritation Positive	

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
C9-11 Alcohols Ethoxylated	Dermal	kidney and/or bladder   hematopoietic	Not classified	Rat	NOAEL 125 mg/kg/day	13 weeks



		system				
Sodium Metasilicate	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Dog	LOAEL 2,400 mg/kg/day	4 weeks
Sodium Metasilicate	Ingestion	endocrine system   blood	Not classified	Rat	NOAEL 804 mg/kg/day	3 months
Sodium Metasilicate	Ingestion	heart   liver	Not classified	Rat	NOAEL 1,259 mg/kg/day	8 weeks
Sodium Carbonate	Inhalation	respiratory system	Not classified	Rat	LOAEL 0.07 mg/l	3 months
Tetrasodium EDTA	Inhalation	respiratory system	Causes damage to organs through prolonged or repeated exposure	Rat	NOAEL 3 mg/m3	13 weeks
Tetrasodium EDTA	Inhalation	liver   heart   skin   endocrine system   gastrointestinal tract   bone, teeth, nails, and/or hair   hematopoietic system   immune system   muscles   nervous system   eyes   kidney and/or bladder   vascular system	Not classified	Rat	NOAEL 15 mg/m3	13 weeks
Tetrasodium EDTA	Ingestion	hematopoietic system   liver	Not classified	Rat	NOAEL 2,500 mg/kg/day	13 weeks
Tetrasodium EDTA	Ingestion	heart   gastrointestinal tract   muscles   kidney and/or bladder   respiratory system	Not classified	Rat	NOAEL 5,000 mg/kg/day	13 weeks

**Aspiration Hazard**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.**

**SECTION 12: Ecological information**

**Ecotoxicological information**

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

**Chemical fate information**

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

**SECTION 13: Disposal considerations**

**13.1. Disposal methods**

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

Dispose of waste product in a permitted industrial waste facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

**SECTION 14: Transport Information**

**DOTG** NOT RESTRICTED, AS PER 49 CFR 171.4, MARINE POLLUTANT EXCEPTION

**DOTW** NOT RESTRICTED, AS PER 49 CFR 171.4, MARINE POLLUTANT EXCEPTION

**IATA** NOT RESTRICTED, AS PER SPECIAL PROVISION A197, ENVIRONMENTALLY HAZARDOUS SUBSTANCE EXCEPTION

**IMO** NOT RESTRICTED, AS PER IMDG CODE 2.10.2.7, MARINE POLLUTANT EXCEPTION

Please contact the emergency numbers listed on the first page of the SDS for Transportation Information for this material.

**SECTION 15: Regulatory information**

**15.1. US Federal Regulations**

Contact manufacturer for more information

**EPCRA 311/312 Hazard Classifications:**

**Physical Hazards**

Not applicable

**Health Hazards**

Serious eye damage or eye irritation

Skin Corrosion or Irritation

Specific target organ toxicity (single or repeated exposure)

**15.2. State Regulations**

Contact manufacturer for more information

**15.3. Chemical Inventories**

The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

Contact manufacturer for more information

**15.4. International Regulations**

Contact manufacturer for more information

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**SECTION 16: Other information**

**NFPA Hazard Classification**

**Health:** 3 **Flammability:** 1 **Instability:** 0 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

<b>Document Group:</b>	28-2192-4	<b>Version Number:</b>	8.00
<b>Issue Date:</b>	01/23/20	<b>Supersedes Date:</b>	12/26/19

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