



## Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

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

#### 1.1. Product identifier

G20, Convertible Top Cleaner (21-05A): G2016

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

##### Identified uses

Automotive.

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

**Address:** Meguiars United Kingdom Limited, 3 Lamport Court, Heartlands, Daventry, Northants, NN11 8UF  
**Telephone:** +44 (0)870 241 6696  
**E Mail:** info@meguiars.co.uk  
**Website:** www.meguiars.co.uk

#### 1.4. Emergency telephone number

+44 (0)870 241 6696

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

##### CLASSIFICATION:

Serious Eye Damage/Eye Irritation, Category 2 - Eye Irrit. 2; H319

Skin Corrosion/Irritation, Category 2 - Skin Irrit. 2; H315

Hazardous to the Aquatic Environment (Chronic), Category 3 - Aquatic Chronic 3; H412

For full text of H phrases, see Section 16.

#### 2.2. Label elements

CLP REGULATION (EC) No 1272/2008

##### SIGNAL WORD

WARNING.

**Symbols:**

GHS07 (Exclamation mark) |

**Pictograms**



**HAZARD STATEMENTS:**

H319 Causes serious eye irritation.  
H315 Causes skin irritation.  
H412 Harmful to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS**

**General:**

P102 Keep out of reach of children.  
P101 If medical advice is needed, have product container or label at hand.

**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.

**Disposal:**

P501 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

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

Contains 1% of components with unknown hazards to the aquatic environment.

**Notes on labelling**

Updated per Regulation (EC) No. 648/2004 on detergents.

Ingredients required per 648/2004: <5% Non-ionic surfactants, cationic surfactant, amphoteric surfactant, EDTA and salts thereof. Contains: Perfumes, benzyl salicylate.

Test data showed that this product is not corrosive, despite the high pH.

**2.3. Other hazards**

None known.

**SECTION 3: Composition/information on ingredients**

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Non-Hazardous Ingredients	Mixture		81 - 91	
Alcohols, C9-11, ethoxylated	68439-46-3		1 - 5	Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Chronic 3, H412 (Self Classified)

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Sodium Metasilicate	6834-92-0	EINECS 229-912-9	1 - 5	Skin Corr. 1B, H314; STOT SE 3, H335 (CLP) Met. Corr. 1, H290 (Self Classified)
Alcohols, C12-16, ethoxylated	68551-12-2	NLP 500-221-7	0.5 - 1.5	Aquatic Acute 1, H400,M=1; Aquatic Chronic 2, H411 (Self Classified)
Poly(oxy-1,2-ethanediyl), $\alpha,\alpha'$ -[[[3-(decyloxy)propyl]methyliminio]di-2,1-ethanediyl]bis[ $\omega$ -hydroxy-, branched, chlorides	68478-94-4		0.5 - 1.5	
Sodium Carbonate	497-19-8	EINECS 207-838-8	0.5 - 1.5	Eye Irrit. 2, H319 (CLP)
Dodecyldimethylamine oxide	1643-20-5	EINECS 216-700-6	0.76 {Typically 0.76}	Aquatic Acute 1, H400,M=1; Aquatic Chronic 1, H410,M=1 (Self Classified)

Please see section 16 for the full text of any H statements referred to in this section

Please refer to section 15 for any applicable Notas that have been applied to the above components

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

**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. Remove contact lenses if easy to do. Continue rinsing. 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. 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

Condition

## G20, Convertible Top Cleaner (21-05A): G2016

Carbon monoxide.  
Carbon dioxide.  
Irritant vapours or gases.

During combustion.  
During combustion.  
During combustion.

### 5.3. Advice 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.

## 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 vapours, 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 dykes 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 neutralise spill by adding appropriate dilute acid such as vinegar. Work slowly to avoid boiling or spattering. Continue to add neutralising agent until reaction stops. Let cool before collecting. 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.

### 6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapours/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 oxidising agents (eg. chlorine, chromic acid etc.) Keep away from reactive metals (eg. Aluminium, 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 oxidising agents.

### 7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

## 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 Safety Data Sheet.

**Biological limit values**

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

**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/vapours/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:

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.

Gloves made from the following material(s) are recommended:

<b>Material</b>	<b>Thickness (mm)</b>	<b>Breakthrough Time</b>
Butyl rubber.	No data available	No data available

**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 vapours 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**

<b>Physical state</b>	Liquid.
<b>Appearance/Odour</b>	Pleasant odour; Clear liquid
<b>Odour threshold</b>	<i>No data available.</i>
<b>pH</b>	12.5 - 13.5
<b>Boiling point/boiling range</b>	100 °C
<b>Melting point</b>	<i>Not applicable.</i>
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Explosive properties</b>	Not classified
<b>Oxidising properties</b>	Not classified
<b>Flash point</b>	> 93.3 °C [ <i>Test Method:</i> Pensky-Martens Closed Cup]
<b>Autoignition temperature</b>	<i>No data available.</i>
<b>Flammable Limits(LEL)</b>	<i>No data available.</i>
<b>Flammable Limits(UEL)</b>	<i>No data available.</i>
<b>Relative density</b>	1.0 [ <i>Ref Std:</i> WATER=1]
<b>Water solubility</b>	Complete

Solubility- non-water	No data available.
Partition coefficient: n-octanol/water	No data available.
Evaporation rate	No data available.
Vapour density	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Density	1 g/cm <sup>3</sup>

#### 9.2. Other information

Volatile organic compounds (VOC)	0.0 g/l
VOC less H <sub>2</sub> O & exempt solvents	21.65 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 polymerisation will not occur.

### 10.4 Conditions to avoid

Temperatures above the boiling point.

### 10.5 Incompatible materials

Strong acids.

Strong oxidising agents.

### 10.6 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
None known.	

Refer to section 5.2 for hazardous decomposition products during combustion.

## SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

### 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.

**Skin contact**

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

**Eye contact**

Severe eye irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

**Ingestion**

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

**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	Ingestion		No data available; calculated ATE >5,000 mg/kg
Alcohols, C9-11, ethoxylated	Dermal	Rabbit	LD50 > 2,000 mg/kg
Alcohols, C9-11, ethoxylated	Ingestion	Rat	LD50 1,378 mg/kg
Sodium Metasilicate	Dermal	Rabbit	LD50 > 4,640 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
Dodecyltrimethylamine oxide	Ingestion	Mouse	LD50 2,700 mg/kg
Dodecyltrimethylamine oxide	Dermal	Rabbit	LD50 3,536 mg/kg

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

Name	Species	Value
Alcohols, C9-11, ethoxylated	Rabbit	Irritant
Sodium Metasilicate	Rabbit	Corrosive
Sodium Carbonate	Rabbit	No significant irritation

**Serious Eye Damage/Irritation**

Name	Species	Value
Alcohols, C9-11, ethoxylated	Professional judgement	Corrosive
Sodium Metasilicate	Rabbit	Corrosive
Sodium Carbonate	Rabbit	Corrosive

**Skin Sensitisation**

Name	Species	Value
Alcohols, C9-11, ethoxylated	Guinea pig	Not sensitising
Sodium Metasilicate	Mouse	Not sensitising

**Respiratory Sensitisation**

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

**Germ Cell Mutagenicity**

Name	Route	Value
Alcohols, C9-11, ethoxylated	In Vitro	Not mutagenic
Sodium Metasilicate	In Vitro	Not mutagenic
Sodium Metasilicate	In vivo	Not mutagenic
Sodium Carbonate	In Vitro	Not mutagenic

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

**Reproductive Toxicity****Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test result	Exposure Duration
Alcohols, C9-11, ethoxylated	Dermal	Not toxic to female reproduction	Rat	NOAEL 250 mg/kg/day	2 generation
Alcohols, C9-11, ethoxylated	Dermal	Not toxic to development	Rat	NOAEL 250 mg/kg/day	2 generation
Alcohols, C9-11, ethoxylated	Dermal	Some positive male reproductive data exist, but the data are not sufficient for classification	Rat	NOAEL 100 mg/kg/day	2 generation
Sodium Metasilicate	Ingestion	Some positive developmental data exist, but the data are not sufficient for classification	Mouse	NOAEL 200 mg/kg/day	during gestation
Sodium Carbonate	Ingestion	Not toxic to development	Mouse	NOAEL 340 mg/kg/day	during organogenesis

**Target Organ(s)****Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Alcohols, C9-11, 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	

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Alcohols, C9-11, ethoxylated	Dermal	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 125 mg/kg/day	13 weeks
Alcohols, C9-11, ethoxylated	Dermal	hematopoietic system	All data are negative	Rat	NOAEL 125 mg/kg/day	13 weeks
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	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 804 mg/kg/day	3 months
Sodium Metasilicate	Ingestion	blood	All data are negative	Rat	NOAEL 804 mg/kg/day	3 months
Sodium Metasilicate	Ingestion	heart   liver	All data are negative	Rat	NOAEL 1,259 mg/kg/day	8 weeks
Sodium Carbonate	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 0.07 mg/l	3 months

**Aspiration Hazard**

For the component/components, either no data is currently available or the data is 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**

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

**12.1. Toxicity**

No product test data available.

Material	CAS Nbr	Organism	Type	Exposure	Test endpoint	Test result
Alcohols, C12-16, ethoxylated	68551-12-2		Data not available or insufficient for classification			
Alcohols, C9-11, ethoxylated	68439-46-3	Water flea	Experimental	48 hours	EC50	2.686 mg/l
Alcohols, C9-11, ethoxylated	68439-46-3	Green algae	Experimental	72 hours	EC50	45 mg/l
Alcohols, C9-11, ethoxylated	68439-46-3	Green Algae	Experimental	72 hours	NOEC	1.2 mg/l
Alcohols, C9-11, ethoxylated	68439-46-3	Fathead minnow	Experimental	30 days	NOEC	0.73 mg/l
Alcohols, C9-11, ethoxylated	68439-46-3	Fathead minnow	Experimental	96 hours	LC50	8.5 mg/l
Dodecyldimethylamine oxide	1643-20-5	Green algae	Experimental	72 hours	EC50	0.11 mg/l
Dodecyldimethylamine oxide	1643-20-5	Water flea	Experimental	48 hours	EC50	2.2 mg/l
Dodecyldimethylamine oxide	1643-20-5	Green algae	Experimental	72 hours	NOEC	0.0049 mg/l
Dodecyldimethylamine oxide	1643-20-5	Water flea	Experimental	21 days	NOEC	0.36 mg/l
Dodecyldimethylamine oxide	1643-20-5	Ricefish	Experimental	96 hours	LC50	29.9 mg/l
Poly(oxy-1,2-ethanediyl), $\alpha,\alpha'$ -[[[3-(decyloxy)propyl]methylimino]di-2,1-ethanediyl]bis[ $\omega$ -hydroxy-, branched, chlorides	68478-94-4		Data not available or insufficient for classification			
Sodium Carbonate	497-19-8	Algae or other aquatic plants	Experimental	96 hours	EC50	242 mg/l
Sodium Carbonate	497-19-8	Bluegill	Experimental	96 hours	LC50	300 mg/l
Sodium Carbonate	497-19-8	Water flea	Experimental	48 hours	EC50	200 mg/l
Sodium Metasilicate	6834-92-0	Rainbow trout	Estimated	96 hours	LC50	281 mg/l

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Sodium Metasilicate	6834-92-0	Water flea	Estimated	48 hours	EC50	1,700 mg/l
Alcohols, C12-16, ethoxylated	68551-12-2	Fathead minnow	Experimental	96 hours	LC50	0.48 mg/l
Alcohols, C12-16, ethoxylated	68551-12-2	Diatom	Experimental	72 hours	EC50	1 mg/l
Alcohols, C12-16, ethoxylated	68551-12-2	Green algae	Experimental	72 hours	EC50	0.85 mg/l
Alcohols, C12-16, ethoxylated	68551-12-2	Water flea	Experimental	48 hours	EC50	0.302 mg/l
Alcohols, C12-16, ethoxylated	68551-12-2	Diatom	Experimental	72 hours	NOEC	0.32 mg/l
Alcohols, C12-16, ethoxylated	68551-12-2	Water flea	Experimental	21 days	NOEC	0.083 mg/l
Alcohols, C12-16, ethoxylated	68551-12-2	Green Algae	Experimental	72 hours	NOEC	0.5 mg/l

**12.2. Persistence and degradability**

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Poly(oxy-1,2-ethanediyl), $\alpha,\alpha'$ -[[[3-(decyloxy)propyl]methylimino]di-2,1-ethanediyl]bis[ $\omega$ -hydroxy-, branched, chlorides	68478-94-4	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Dodecyldimethylamine oxide	1643-20-5	Experimental Biodegradation	28 days	BOD	82 % weight	OECD 301C - MITI test (I)
Alcohols, C9-11, ethoxylated	68439-46-3	Experimental Biodegradation	28 days	BOD	88 % weight	OECD 301F - Manometric respirometry
Sodium Metasilicate	6834-92-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Alcohols, C12-16, ethoxylated	68551-12-2	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Sodium Carbonate	497-19-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Non-Hazardous Ingredients	Mixture	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Alcohols, C12-16, ethoxylated	68551-12-2	Experimental Biodegradation	28 days	BOD	69 % weight	Other methods

**12.3 : Bioaccumulative potential**

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Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Poly(oxy-1,2-ethanediyl), $\alpha,\alpha'$ -[[[3-(decyloxy)propyl]methylimino]di-2,1-ethanediyl]bis[ $\omega$ -hydroxy-, branched, chlorides	68478-94-4	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Sodium Metasilicate	6834-92-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Dodecyldimethylamine oxide	1643-20-5	Estimated Bioconcentration		Bioaccumulation factor	940	Estimated: Bioconcentration factor
Alcohols, C9-11, ethoxylated	68439-46-3	Estimated Bioconcentration		Bioaccumulation factor	33	Estimated: Bioconcentration factor
Alcohols, C12-16, ethoxylated	68551-12-2	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Sodium Carbonate	497-19-8	Estimated Bioconcentration		Log Kow	-6.19	Estimated: Octanol-water partition coefficient
Non-Hazardous Ingredients	Mixture	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Alcohols, C12-16, ethoxylated	68551-12-2	Experimental BCF-Carp	72 hours	Bioaccumulation factor	310	

**12.4. Mobility in soil**

Please contact manufacturer for more details

**12.5. Results of the PBT and vPvB assessment**

No information available at this time, contact manufacturer for more details

**12.6. Other adverse effects**

Material	CAS Nbr	Ozone Depletion Potential	Global Warming Potential
Non-Hazardous Ingredients	Mixture	0	

The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

## G20, Convertible Top Cleaner (21-05A): G2016

See Section 11.1 Information on toxicological effects

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. 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.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of the manufacturer, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

### EU waste code (product as sold)

20 01 29\* Detergents containing dangerous substances

## SECTION 14: Transportation information

ADR/IMDG/IATA: Not restricted for transport.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Global inventory status

Contact manufacturer for more information The components of this product are in compliance with the chemical notification requirements of TSCA.

#### List of ingredients according to Annex VII D of the regulation on detergents 648/2004/EC

The following ingredient information is provided per Regulation EC No. 648/2004 on Detergents:

Aqua  
Ethoxylated C9-11 alcohols  
Sodium metasilicate  
Sodium carbonate  
Ethoxylated C12-16 alcohols  
Poly(oxy-1,2-ethanediyl)alpha,alpha-[[[3-(decyloxy)propyl]methylimino]di-2,1-ethanediyl]bis[omega-hydroxy-branched, chlorides  
Tetrasodium EDTA  
Lauramine oxide  
Cocamide DEA  
Perfumes  
Polysorbate 20  
Benzyl salicylate  
Colourant

### 15.2. Chemical Safety Assessment

Not applicable

## SECTION 16: Other information

### List of relevant H statements

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**Revision information:**

Revision Changes:

Section 8: Eye/face protection information information was modified.  
Section 8: Respiratory protection - recommended respirators information information was modified.  
Section 01: 1.3. Details of the supplier of the safety data sheet heading information was modified.  
Section 3: Composition/ Information of ingredients table information was modified.  
Section 12: Component ecotoxicity information information was modified.  
Section 12: Persistence and Degradability information information was modified.  
Section 12: Bioaccumulative potential information information was modified.  
Section 14: Transportation classification information was modified.  
Section 1: Address information was modified.  
Copyright information was modified.  
Label: Signal Word information was modified.  
Label: CLP Percent Unknown information was modified.  
Section 3: Reference to section 15 for Nota info information was modified.  
Section 15: Ingredient information per Regulation EC No. 648/2004 information was modified.  
Section 11: Acute Toxicity table information was modified.  
Section 11: Serious Eye Damage/Irritation Table information was modified.  
Section 11: Germ Cell Mutagenicity Table information was modified.  
Section 11: Skin Sensitization Table information was modified.  
Section 11: Reproductive Toxicity Table information was modified.  
Section 11: Skin Corrosion/Irritation Table information was modified.  
Section 11: Target Organs - Repeated Table information was modified.  
Section 11: Target Organs - Single Table information was modified.  
Section 11: Health Effects - Skin information information was modified.  
Section 6: Accidental release personal information information was modified.  
Section 7: Precautions safe handling information information was modified.  
Section 7: Conditions safe storage information was modified.  
Section 8: Appropriate Engineering controls information information was modified.  
Section 8: Personal Protection - Eye information information was modified.  
Section 13: Standard Phrase Category Waste GHS information was modified.  
Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. information was modified.  
Section 12: Other adverse effects table ODP column header information was added.  
Section 12: Other adverse effects table GWP column header information was added.  
Section 12: Other Adverse effects heading information was added.  
Section 12: Other adverse effects table Material column header information was added.  
Section 12: Other adverse effects table CAS No column header information was added.  
Section 11: Disclosed components not in tables text information was added.  
Section 12: Classification Warning information was added.  
Section 11: Classification disclaimer information was added.  
Section 11: Aspiration Hazard text information was added.  
Section 8: 8.1.1 Biological limit values table heading information was added.  
Section 8: BLV information was added.

Section 11: Respiratory Sensitization text information was added.  
Section 11: Skin Sensitization table - Name heading information was added.  
Section 11: Skin Sensitization table - Species heading information was added.  
Section 11: Skin Sensitization table - Value heading information was added.  
Section 11: Serious Eye Damage/Irritation table - Name heading information was added.  
Section 11: Serious Eye Damage/Irritation table - Species heading information was added.  
Section 11: Serious Eye Damage/Irritation table - Value heading information was added.  
Section 11: Skin Corrosion/Irritation table - Name heading information was added.  
Section 11: Skin Corrosion/Irritation table - Species heading information was added.  
Section 11: Skin Corrosion/Irritation table - Value heading information was added.  
Section 11: Germ Cell Mutagenicity table - Name heading information was added.  
Section 11: Germ Cell Mutagenicity table - Route heading information was added.  
Section 11: Germ Cell Mutagenicity table - Value heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Name heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Route heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Target Organ(s) heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Value heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Species heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Test Result heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Exposure Duration heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Name heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Route heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Target Organ(s) heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Value heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Species heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Test Result heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Exposure Duration heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Name heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Route heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Value heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Species heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Test Result heading information was added.  
Section 11: Reproductive and/or Developmental Effects text information was added.  
Section 11: Carcinogenicity text information was added.  
Section 8: glove data - Material heading information was added.  
Section 8: glove data - Thickness heading information was added.  
Section 8: glove data - Breakthrough Time heading information was added.  
Section 8: glove data value information was added.  
Section 03: Reference to H statement explanation in Section 016 information was added.  
Section 8: Skin protection - recommended gloves information information was deleted.  
Remark (phrase) information was deleted.  
Risk phrase information was deleted.  
Safety phrase information was deleted.  
Section 2: Contains heading information was deleted.  
Section 2: Safety phrases heading information was deleted.  
Section 16: List of relevant R-phrases information was deleted.  
Section 2: Indication of danger heading information was deleted.  
Section 16: List of relevant R phrase information information was deleted.  
Section 2: Risk phrases heading information was deleted.  
Section 2: Indication of danger information information was deleted.  
Section 2: Label ingredient information information was deleted.  
Section 2: Notes on labelling heading information was deleted.  
Section 2: Label remarks information was deleted.  
Section 2: EU Detergent Regulation label remarks information was deleted.  
Prints No Data if Adverse effects information is not present information was deleted.  
Section 11: Aspiration Hazard Table information was deleted.

Section 11: Classification disclaimer information was deleted.  
Section 11: Carcinogenicity Table information was deleted.  
Section 11: Exposure Duration table heading information was deleted.  
Section 11: Respiratory Sensitization Table information was deleted.  
Section 11: Test Result table heading information was deleted.  
Section 3: Reference to R and H statement explanation in Section 16 information was deleted.  
Section 12: Classification Warning information was deleted.  
Section 2: 2.2 & 2.3. DSD/DPD heading information was deleted.  
Section 2: R phrase reference information was deleted.  
Label: Graphic information was deleted.  
Label: Graphic information was deleted.  
Label: Graphic Text information was deleted.

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