



## Safety Data Sheet

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<b>Document group:</b>	28-2192-4	<b>Version number:</b>	5.01
<b>Revision date:</b>	18/05/2018	<b>Supersedes date:</b>	22/09/2017
<b>Transportation version number:</b>	1.00 (20/09/2010)		

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

Meguiar's G20 Convertible Top Cleaner, 22-173B

#### 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 1 - Eye Dam. 1; H318

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

Hazardous to the Aquatic Environment (Chronic), Category 2 - Aquatic Chronic 2; H411

For full text of H phrases, see Section 16.

#### 2.2. Label elements

CLP REGULATION (EC) No 1272/2008

##### SIGNAL WORD

DANGER.

**Symbols:**

GHS05 (Corrosion) | GHS09 (Environment) |

**Pictograms**



**Ingredients:**

Ingredient	CAS Nbr	EC No.	% by Wt
Sodium Metasilicate	6834-92-0	229-912-9	1 - 5

**HAZARD STATEMENTS:**

H318	Causes serious eye damage.
H315	Causes skin irritation.
H411	Toxic to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS**

**General:**

P102 Keep out of reach of children.

**Prevention:**

P280A Wear eye/face protection.

**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.  
P310 Immediately call a POISON CENTRE or doctor/physician.  
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 2% 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.

Skin and Eye classification based on test data.

**2.3. Other hazards**

None known.

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

Ingredient	CAS Nbr	EC No.	REACH Registration No.	% by Wt	Classification
Non-hazardous ingredient	Mixture			65 - 95	Substance not classified as hazardous
Sodium Metasilicate	6834-92-0	229-912-9	01-2119449811-37	1 - 5	Skin Corr. 1B, H314; STOT SE 3, H335 Met. Corr. 1, H290
Dodecyldimethylamine oxide	1643-20-5	216-700-6		1 - 5	Aquatic Acute 1, H400,M=1; Aquatic Chronic 1, H410,M=1
Sodium Carbonate	497-19-8	207-838-8	01-2119485498-19	1 - 5	Eye Irrit. 2, H319
Ethoxylated C9-11 Alcohols	68439-46-3			1 - 5	Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318
Coco Alkylbis(Hydroxyethyl)Methylammonium Chlorides	70750-47-9	274-846-6		< 2	Acute Tox. 4, H302; Skin Corr. 1B, H314
Tetrasodium ethylenediaminetetraacetate	64-02-8	200-573-9		< 2	Acute Tox. 4, H302; Eye Dam. 1, H318

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

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 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. 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

<u>Substance</u>	<u>Condition</u>
Carbon monoxide.	During combustion.
Carbon dioxide.	During combustion.
Irritant vapours or gases.	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.

#### Predicted no effect concentrations (PNEC)

Ingredient	Degradation Product	Compartment	PNEC
Sodium Carbonate		Freshwater	100 mg/l

### 8.2. Exposure controls

In addition, refer to the annex for more information.

#### 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:

Full face shield.

Indirect vented goggles.

##### *Applicable Norms/Standards*

Use eye/face protection conforming to EN 166

##### Skin/hand protection

No protective gloves required. 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:

Material	Thickness (mm)	Breakthrough Time
Polymer laminate	No data available	No data available

##### *Applicable Norms/Standards*

Use gloves tested to EN 374

##### 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.

#### *Applicable Norms/Standards*

Use a respirator conforming to EN 140 or EN 136: filter types A & P

### 8.2.3. Environmental exposure controls

Refer to Annex

## SECTION 9: Physical and chemical properties

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

Physical state	Liquid.
Appearance/Odour	Pleasant odour; Clear liquid
Odour threshold	<i>No data available.</i>
pH	12.5 - 13.5
Boiling point/boiling range	100 °C
Melting point	<i>Not applicable.</i>
Flammability (solid, gas)	Not applicable.
Explosive properties	Not classified
Oxidising properties	Not classified
Flash point	$\geq 93.3$ °C [ <i>Test Method</i> :Pensky-Martens Closed Cup]
Autoignition temperature	<i>No data available.</i>
Flammable Limits(LEL)	<i>No data available.</i>
Flammable Limits(UEL)	<i>No data available.</i>
Relative density	1 [ <i>Ref Std</i> :WATER=1]
Water solubility	Complete
Solubility- non-water	<i>No data available.</i>
Partition coefficient: n-octanol/water	<i>No data available.</i>
Evaporation rate	<i>No data available.</i>
Vapour density	<i>No data available.</i>
Decomposition temperature	<i>No data available.</i>
Viscosity	<i>No data available.</i>
Density	1 g/cm <sup>3</sup>

### 9.2. Other information

EU Volatile Organic Compounds	6 g/l
Molecular weight	<i>No data available.</i>
Percent volatile	60.4 % weight

## 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

##### Substance

##### Condition

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**

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 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
Dodecyldimethylamine oxide	Ingestion	Mouse	LD50 2,700 mg/kg
Ethoxylated C9-11 Alcohols	Dermal	Rabbit	LD50 > 2,000 mg/kg
Dodecyldimethylamine oxide	Dermal	Rabbit	LD50 3,536 mg/kg
Sodium Metasilicate	Dermal	Rabbit	LD50 > 4,640 mg/kg
Ethoxylated C9-11 Alcohols	Ingestion	Rat	LD50 1,378 mg/kg
Sodium Metasilicate	Ingestion	Rat	LD50 500 mg/kg

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Sodium Carbonate	Dermal	Rabbit	LD50 > 2,000 mg/kg
Sodium Carbonate	Ingestion	Rat	LD50 2,800 mg/kg
Tetrasodium ethylenediaminetetraacetate	Ingestion	Rat	LD50 1,658 mg/kg

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

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

**Serious Eye Damage/Irritation**

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

**Skin Sensitisation**

Name	Species	Value
Ethoxylated C9-11 Alcohols	Guinea pig	Not classified
Sodium Metasilicate	Mouse	Not classified

**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
Ethoxylated C9-11 Alcohols	In Vitro	Not mutagenic
Sodium Metasilicate	In Vitro	Not mutagenic
Sodium Metasilicate	In vivo	Not mutagenic
Sodium Carbonate	In Vitro	Not mutagenic

**Carcinogenicity**

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
Ethoxylated C9-11 Alcohols	Dermal	Not classified for female reproduction	Rat	NOAEL 250 mg/kg/day	2 generation
Ethoxylated C9-11 Alcohols	Dermal	Not classified for development	Rat	NOAEL 250 mg/kg/day	2 generation
Ethoxylated C9-11 Alcohols	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



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Sodium Carbonate	Ingestion	Not classified for development	Mouse	NOAEL 340 mg/kg/day	during organogenesis
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**Target Organ(s)****Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Ethoxylated C9-11 Alcohols	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
Ethoxylated C9-11 Alcohols	Dermal	kidney and/or bladder   hematopoietic system	Not classified	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   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

**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
Ethoxylated C9-11 Alcohols	68439-46-3	Fathead minnow	Experimental	96 hours	LC50	8.5 mg/l
Ethoxylated C9-11 Alcohols	68439-46-3	Green algae	Experimental	72 hours	EC50	45 mg/l
Ethoxylated C9-11 Alcohols	68439-46-3	Water flea	Experimental	48 hours	EC50	2.686 mg/l
Ethoxylated C9-11 Alcohols	68439-46-3	Fathead minnow	Experimental	30 days	NOEC	0.73 mg/l
Ethoxylated C9-11 Alcohols	68439-46-3	Green Algae	Experimental	72 hours	NOEC	1.2 mg/l

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Dodecyldimethylamine oxide	1643-20-5	Green algae	Experimental	72 hours	EC50	0.11 mg/l
Dodecyldimethylamine oxide	1643-20-5	Ricefish	Experimental	96 hours	LC50	30 mg/l
Dodecyldimethylamine oxide	1643-20-5	Water flea	Experimental	48 hours	EC50	2.2 mg/l
Dodecyldimethylamine oxide	1643-20-5	Fathead minnow	Experimental	302 days	NOEC	0.42 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
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	Green algae	Estimated	72 hours	EC50	>345.4 mg/l
Sodium Metasilicate	6834-92-0	Zebra Fish	Experimental	96 hours	LC50	210 mg/l
Sodium Metasilicate	6834-92-0	Green algae	Estimated	72 hours	Effect Concentration 10%	34.5 mg/l
Coco Alkylbis(Hydroxyethyl) Methylammonium Chlorides	70750-47-9		Data not available or insufficient for classification			
Tetrasodium ethylenediaminetetraacetate	64-02-8	Bluegill	Experimental	96 hours	LC50	1,030 mg/l
Tetrasodium ethylenediaminetetraacetate	64-02-8	Water flea	Experimental	24 hours	EC50	1,033 mg/l
Tetrasodium ethylenediaminetetraacetate	64-02-8	Water flea	Estimated	21 days	NOEC	29 mg/l

**12.2. Persistence and degradability**

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Ethoxylated C9-11 Alcohols	68439-46-3	Experimental Biodegradation	28 days	BOD	88 % weight	OECD 301F - Manometric respirometry
Dodecyldimethylamine oxide	1643-20-5	Experimental Biodegradation	28 days	CO2 evolution	95.27 % weight	OECD 301B - Modified sturm or CO2
Sodium Carbonate	497-19-8	Data not available - insufficient			N/A	
Sodium Metasilicate	6834-92-0	Data not available - insufficient			N/A	
Coco Alkylbis(Hydroxyethyl)Methylammonium Chlorides	70750-47-9	Data not available - insufficient			N/A	
Tetrasodium ethylenediaminetetraacetate	64-02-8	Estimated Biodegradation	28 days	BOD	0 % BOD/ThBOD	OECD 301D - Closed bottle test

**12.3 : Bioaccumulative potential**

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Ethoxylated C9-11 Alcohols	68439-46-3	Estimated Bioconcentration		Bioaccumulation factor	31	Estimated: Bioconcentration factor
Dodecyldimethylamine oxide	1643-20-5	Estimated Bioconcentration		Log Kow	1.85	Other methods
Sodium Carbonate	497-19-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A

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Sodium Metasilicate	6834-92-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Coco Alkylbis(Hydroxyethyl)Methylammonium Chlorides	70750-47-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Tetrasodium ethylenediaminetetraacetate	64-02-8	Estimated BCF - Bluegill	28 days	Bioaccumulation factor	1.8	Bioconcentration: Flow-through

### 12.4. Mobility in soil

Please contact manufacturer for more details

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

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

### 12.6. Other adverse effects

No information available.

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

See Section 11.1 Information on toxicological effects

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.

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.

### 15.2. Chemical Safety Assessment

## 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.

### Revision information:

Professional Use of Cleaner: Section 16: Annex information was added.  
 Section 3: Composition/ Information of ingredients table information was modified.  
 Section 8: 8.2. Exposure controls information information was added.  
 Section 8: 8.2.3. Environmental exposure controls information information was added.  
 Section 8: PNEC table row information was added.  
 Section 11: Serious Eye Damage/Irritation Table information was modified.  
 Section 11: Skin Corrosion/Irritation Table information was modified.  
 Section 12: Component ecotoxicity information information was modified.  
 Section 12: No PBT/vPvB information available warning information was modified.  
 Section 12: Persistence and Degradability information information was modified.  
 Section 15: Chemical Safety Assessment information was deleted.  
 Annex: Prediction of exposure statement information was added.  
 Section 16: Web address information was modified.

## Annex

<b>1. Title</b>	
<b>Substance identification</b>	Sodium Carbonate; EC No. 207-838-8; CAS Nbr 497-19-8;
<b>Exposure Scenario Name</b>	Professional Use of Cleaner
<b>Lifecycle Stage</b>	Widespread use by professional workers
<b>Contributing activities</b>	PROC 10 -Roller application or brushing PROC 11 -Non industrial spraying PROC 13 -Treatment of articles by dipping and pouring ERC 08a -Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor) ERC 08d -Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)
<b>Processes, tasks and activities covered</b>	Application of product with a roller or brush. Manual application of product. Spraying of substances/mixtures.
<b>2. Operational conditions and risk management measures</b>	
<b>Operating Conditions</b>	<b>Physical state:</b> Solid. <b>General operating conditions:</b> Duration of use: 8 hours/day; Frequency of exposure at workplace [for one worker]: Daily; Indoor use; Outdoor use;

	<b>Task: PROC10;</b> Duration of use: 15 min - 1 hour task;
<b>Risk management measures</b>	Under the operational conditions described above the following risk management measures apply: <b>General risk management measures:</b> <b>Human health:</b> None needed; <b>Environmental:</b> None needed;
<b>Waste management measures</b>	No use-specific waste management measures are required for this product. Refer to Section 13 of main SDS for disposal instructions:
<b>3. Prediction of exposure</b>	
<b>Prediction of exposure</b>	Human and environmental exposures are not expected to exceed the DNELs and PNECs when the identified risk management measures are adopted.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

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