

Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the Canadian Hazardous Products Regulations.

SECTION 1: Identification

1.1. Product identifier

Ultimate Wash & Wax G177 [G17701 G17716 G17748 G17748PDQ08]

Product Identification Numbers

14-1000-6526-8

1.2. Recommended use and restrictions on use

Intended Use

Automotive

Specific Use

Professional Car Wash

Restrictions on use

Not applicable

1.3. Supplier's details

Company: Meguiar's Canada Inc.

Division: Meguiar's

Address: 1840 Oxford Street East, Post Office Box 5790, London, Ontario N6A 0A9

Telephone: (800) 364-3577

Website:

1.4. Emergency telephone number

Medical Emergency Telephone:1-800-3M HELPS / 1800 364 3577

SECTION 2: Hazard identification

The following product identification number(s) are sold in the consumer market place: 14100065268

2.1. Classification of the substance or mixture

Skin Corrosion/Irritation: Category 2.

Serious Eye Damage/Irritation: Category 2A.

2.2. Label elements

Signal word

Warning

Symbols

Exclamation mark

Pictograms



Hazard Statements

Causes skin irritation. Causes serious eye irritation.

Precautionary statements

General:

Keep out of reach of children.

Prevention:

Wash exposed skin thoroughly after handling. Wear eye protection.

Response:

IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice. If eye irritation persists: Get medical advice. Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

None known.

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

SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	C.A.S. No.	% by Wt	Common Name
Non-Hazardous Ingredients	Mixture	80 - 100	Not Applicable
Sulfonic acids, C14-16-alkane	68439-57-6	1 - 5	Sulfonic acids, C14-16-alkane hydroxy and
hydroxy and C14-16-alkene,			C14-16-alkene, sodium salts
sodium salts			
Benzenesulfonic acid, mono-	68081-81-2	1 - 5 Trade Secret *	Benzenesulfonic acid, mono-C10-16-alkyl
C10-16-alkyl derivs., sodium			derivs., sodium salts
salts			
Sodium mono-C10-16-Alkyl	68585-47-7	1 - 5	Sulfuric acid, mono-C10-16-alkyl esters,
Sulfates			sodium salts
Alcohol Ethoxysulfate (Sodium	68585-34-2	1 - 5	Poly(oxy-1,2-ethanediyl), .alpha
Salt)			sulfoomegahydroxy-, C10-16-alkyl
			ethers, sodium saltsalcohol) ethoxylate
			sulfuric acid sodium salt and SDA

			Reporting Number: 15-067-04. Consult
			SDA Substance Identification Procedure.
Cocamidopropyl Betaine	61789-40-0	1 - 3	1-Propanaminium, 3-amino-N-
			(carboxymethyl)-N,N-dimethyl-, N-coco
			acyl derivs., hydroxides, inner salts
Lauryldimethylamine Oxide	1643-20-5	1 - 3 Trade Secret *	1-Dodecanamine, N,N-dimethyl-, N-oxide

^{*}The concentration (exact or range) of this component 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:

Rinse skin with large amounts of water. If symptoms persist, 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

No critical symptoms or effects. 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. Unsuitable extinguishing media

None Determined

5.3. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance Condition Carbon monoxide **During Combustion** Carbon dioxide **During Combustion**

5.4. Special protection actions for fire-fighters

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

Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and

chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS. 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.

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. 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 closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. 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. 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 oxidizing agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

Store away from heat. 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/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:

Safety Glasses with side shields

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 vapours and particulates Half facepiece or full facepiece supplied-air respirator

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

nformation on basic physical and chemical properties				
Physical state	Liquid			
Specific Physical Form:	Viscous			
Colour	Yellow			
Odour	Sweet Cherry			
Odour threshold	No Data Available			
рН	7.5 - 9			
Melting point/Freezing point	Not Applicable			
Boiling point	100 °C			
Flash Point	Flash point > 93 °C (200 °F)			
Evaporation rate	No Data Available			
Flammability	Not Applicable			
Flammable Limits(LEL)	Not Applicable			
Flammable Limits(UEL)	Not Applicable			
Vapour Pressure	No Data Available			
Relative Vapour Density	No Data Available			
Density	1 g/cm3			
Relative density	1 [Ref Std:WATER=1]			
Water solubility	Complete			
Solubility- non-water	Complete			
Partition coefficient: n-octanol/ water	No Data Available			
Autoignition temperature	Not Applicable			
Decomposition temperature	No Data Available			
Kinematic Viscosity	3,750 mm2/sec			
Volatile Organic Compounds	0.2 % weight [Test Method:calculated per CARB title 2]			
Percent volatile	No Data Available			
VOC Less H2O & Exempt Solvents	0.1 lb/gal [Test Method:calculated per CARB title 2]			
Molecular weight	No Data Available			
	l .			

Particle Characteristics	Not Applicable
· ·	

SECTION 10: Stability and reactivity

10.1. Reactivity

This material is considered to be non reactive under normal use conditions.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Heat

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 regulatory 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.

Skin Contact:

Skin Irritation: Signs/symptoms may include localized 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 diarrhea.

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	Ingestion		No data available; calculated ATE >5,000 mg/kg
Sodium mono-C10-16-Alkyl Sulfates	Dermal	Rat	LD50 > 2,000 mg/kg

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Sodium mono-C10-16-Alkyl Sulfates	Ingestion	Rat	LD50 1,800 mg/kg
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene,	Dermal	Rabbit	LD50 6,300 mg/kg
sodium salts			
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene,	Inhalation-	Rat	LC50 > 52 mg/l
sodium salts	Dust/Mist		
	(4 hours)		
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene,	Ingestion	Rat	LD50 2,079 mg/kg
sodium salts			, ,
Alcohol Ethoxysulfate (Sodium Salt)	Dermal	Rat	LD50 > 2,000 mg/kg
Alcohol Ethoxysulfate (Sodium Salt)	Ingestion	Rat	LD50 2,870 mg/kg
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	Dermal	Rat	LD50 > 2,000 mg/kg
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	Ingestion	Rat	LD50 1,080 mg/kg
Cocamidopropyl Betaine	Dermal	Rat	LD50 > 2,000 mg/kg
Cocamidopropyl Betaine	Ingestion	Rat	LD50 > 1,500 mg/kg
Lauryldimethylamine Oxide	Ingestion	Rat	LD50 1,064 mg/kg
Lauryldimethylamine Oxide	Dermal	similar	LD50 > 2,000 mg/kg
		compoun	
		ds	

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Overall product	In vitro	Irritant
	data	
Sodium mono-C10-16-Alkyl Sulfates	Rabbit	Irritant
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Rabbit	Irritant
Alcohol Ethoxysulfate (Sodium Salt)	Rabbit	Irritant
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	Rabbit	Irritant
Cocamidopropyl Betaine	Rabbit	Minimal irritation
Lauryldimethylamine Oxide	Rabbit	Irritant

Serious Eve Damage/Irritation

Name	Species	Value
Overall product	similar	Severe irritant
	compoun	
	ds	
Sodium mono-C10-16-Alkyl Sulfates	Rabbit	Corrosive
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Rabbit	Corrosive
Alcohol Ethoxysulfate (Sodium Salt)	Rabbit	Corrosive
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	Rabbit	Corrosive
Cocamidopropyl Betaine	Rabbit	Corrosive
Lauryldimethylamine Oxide	Rabbit	Corrosive

Skin Sensitization

Name	Species	Value
Sodium mono-C10-16-Alkyl Sulfates	Guinea	Not classified
	pig	
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Guinea	Not classified
	pig	
Alcohol Ethoxysulfate (Sodium Salt)	Guinea	Not classified
	pig	
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	Guinea	Not classified
	pig	
Cocamidopropyl Betaine	Multiple	Not classified
	animal	
	species	
Lauryldimethylamine Oxide	Guinea	Not classified
	pig	

Respiratory SensitizationFor the components, either no data are currently available or the data are not sufficient for classification.

Germ Cell Mutagenicity

Name	Route	Value
Sodium mono-C10-16-Alkyl Sulfates	In Vitro	Not mutagenic
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	In Vitro	Not mutagenic
Alcohol Ethoxysulfate (Sodium Salt)	In Vitro	Not mutagenic
Alcohol Ethoxysulfate (Sodium Salt)	In vivo	Not mutagenic
Cocamidopropyl Betaine	In Vitro	Not mutagenic
Cocamidopropyl Betaine	In vivo	Not mutagenic
Lauryldimethylamine Oxide	In Vitro	Not mutagenic
Lauryldimethylamine Oxide	In vivo	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Ingestion	Rat	Not carcinogenic
Lauryldimethylamine Oxide	Dermal	Mouse	Not carcinogenic
Lauryldimethylamine Oxide	Ingestion	Rat	Not carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Sodium mono-C10-16-Alkyl Sulfates	Ingestion	Not classified for development	Rat	NOAEL 250 mg/kg/day	during organogenesi s
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Ingestion	Not classified for development	Mouse	NOAEL 2 mg/kg/day	during organogenesi s
Alcohol Ethoxysulfate (Sodium Salt)	Ingestion	Not classified for female reproduction	Rat	NOAEL 300 mg/kg/day	2 generation
Alcohol Ethoxysulfate (Sodium Salt)	Ingestion	Not classified for male reproduction	Rat	NOAEL 300 mg/kg/day	2 generation
Alcohol Ethoxysulfate (Sodium Salt)	Ingestion	Not classified for development	Rat	NOAEL 300 mg/kg/day	2 generation
Lauryldimethylamine Oxide	Ingestion	Not classified for male reproduction	Rat	NOAEL 250 mg/kg/day	28 days
Lauryldimethylamine Oxide	Ingestion	Not classified for female reproduction	Rat	NOAEL 100 mg/kg/day	premating into lactation
Lauryldimethylamine Oxide	Ingestion	Not classified for development	Rat	NOAEL 25 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
Sodium mono-C10-16- Alkyl Sulfates	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL not available	
Sulfonic acids, C14-16- alkane hydroxy and C14- 16-alkene, sodium salts	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	
Alcohol Ethoxysulfate (Sodium Salt)	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL not available	
Cocamidopropyl Betaine	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	

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Lauryldimethylamine	Inhalation	respiratory irritation	Some positive data exist, but the	similar	NOAEL Not	
Oxide			data are not sufficient for	health	available	
			classification	hazards		

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Sulfonic acids, C14-16- alkane hydroxy and C14- 16-alkene, sodium salts	Ingestion	endocrine system hematopoietic system liver immune system eyes kidney and/or bladder	Not classified	Rat	NOAEL 195 mg/kg/day	2 years
Alcohol Ethoxysulfate (Sodium Salt)	Dermal	skin heart endocrine system gastrointestinal tract hematopoietic system liver immune system nervous system eyes kidney and/or bladder respiratory system vascular system	Not classified	Mouse	NOAEL 6.91 mg/day	90 days
Alcohol Ethoxysulfate (Sodium Salt)	Ingestion	blood eyes	Not classified	Rat	NOAEL 225 mg/kg/day	90 days
Cocamidopropyl Betaine	Ingestion	heart endocrine system hematopoietic system liver nervous system eyes kidney and/or bladder	Not classified	Rat	NOAEL 1,000 mg/kg/day	92 days
Lauryldimethylamine Oxide	Dermal	skin	Not classified	Mouse	NOAEL 6.2 mg/kg/day	91 days
Lauryldimethylamine Oxide	Ingestion	eyes	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 88 mg/kg/day	90 days
Lauryldimethylamine Oxide	Ingestion	heart skin endocrine system gastrointestinal tract hematopoietic system liver immune system muscles nervous system kidney and/or bladder respiratory system	Not classified	Rat	NOAEL 440 mg/kg/day	90 days

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

No data available.

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

For Transport Information, please visit http://3M.com/Transportinfo or call 1-800-364-3577 or 651-737-6501.

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 material are in compliance with the provisions of the Korea Chemical Control Act. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory. 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.

SECTION 16: Other information

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.

Health: 2 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.

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timate Wash & Wax G177 [G17701 G17716 G17748 G17748PDQ08]	
agricult. In a Canada CDC, and available of	
eguiar's, Inc. Canada SDSs are available at	

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