



# Zip Wax Car Wash & Wax

## Safety Data Sheet

According To Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules And Regulations And According To The Hazardous Products Regulation (December 15, 2022).

Date of Issue: 02/25/2025

Version: 1.0

### SECTION 1: IDENTIFICATION

#### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** Zip Wax Car Wash & Wax

**Product Code:** T-75A (50405), T-75AS (50407), T-77C (50409), T-78 (50410), T-78C (50410), T-78C (50411), T-78PD (50412), T-79 (50413), T-79S (50414), 53774, 53773

**Formula:** 40910

#### 1.2 Recommended Use and Restrictions on Use

**Use of the Substance/Mixture:** Motor Vehicle Wash

**Restrictions on use:** No additional information available

#### 1.3. Name, Address, and Telephone of the Responsible Party

##### Manufacturer

Turtle Wax, Inc.

948 Springer Drive

Lombard, IL 60148

Phone Number: 1(630)455-3700

Toll-Free Number: 1(800)887-8539

#### 1.4. Emergency Telephone Number

**Emergency Number** : Velocity EHS  
(800)255-3924 (North America)  
+1 (813)248-0585 (International)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the Substance or Mixture

##### GHS-US/CA Classification

Eye irritation, Category 2B

H320

#### 2.2. Label Elements

##### GHS-US/CA Labeling

**Hazard Pictograms (GHS-US/CA)** :



GHS07

**Signal Word (GHS-US/CA)** :

Warning

**Hazard Statements (GHS-US/CA)** :

H320 - Causes eye irritation.

**Precautionary Statements (GHS-US/CA)** :

P264 - Wash hands, forearms and face thoroughly after handling.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

#### 2.3 Hazards associated with known or reasonably anticipated uses

If this product is used in unforeseeable chemical processes and not used as intended or reasonable, the hazards listed in Section 2.3 cannot cover all chemistries. Therefore, a Process Hazard Analysis (PHA) or other hazard assessment for additional specific end uses should be performed to ensure that hazards are fully understood, and adequate safety measures are in place. See Section 10 for relevant reactivity and stability information.

#### 2.4. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

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### 2.4. Unknown Acute Toxicity (GHS-US/CA)

No additional information available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Synonyms	Product Identifier	% *	GHS Ingredient Classification
Sodium lauryl sulfate	Dodecyl sodium sulfate / Dodecyl sulfate, sodium / Dodecyl sulfate, sodium salt / Sodium dodecyl sulfate / Sodium dodecyl sulphate / Sodium lauryl sulphate / Sodium monododecyl sulfate / Sodium monolauryl sulfate / Sodium n-dodecyl sulfate / Sulfuric acid, monododecyl ester, sodium salt / Dodecyl sodium sulphate / Sulfuric acid monododecyl ester sodium salt (1:1) / Carsonol SLS special / SODIUM LAURYL SULFATE / Dodecyl sulphate sodium / Sodium dodecan-1-yl sulfate / Lauryl sodium sulphate / SLS	(CAS-No.) 151-21-3	1 – 3	Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 2, H401 Aquatic Chronic 3, H412 Comb. Dust 1
Dodecylbenzenesulfonic acid	Benzenesulfonic acid, dodecyl- / Dodecylbenzenesulphonic acid / DODECYLBENZENESULFONIC ACID / DODECYLBENZENE SULFONIC ACID / dodecylbenzenesulfonic acid / Dodecylbenzene sulfonic acid	(CAS-No.) 27176-87-0	0.25 - 1.5	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 2, H401
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives	Derivatives, benzenesulfonic acid, 4-C10-13-sec- alkyl / Benzenesulphonic acid, 4-C10-13-sec-alkyl derivatives / 4-C10-13-sec-alkylbenzenesulfonic acid / 4-C10-13-sec-Alkylbenzenesulfonic acid / Benzenesulfonic acid, C10-13-sec-alkyl derivatives / 4-C10-13-sec-Alkyl benzenesulfonic acid derivatives / 4-sec-Alkyl(C10-13) derivatives of benzenesulfonic acid	(CAS-No.) 85536-14-7	0.25 - 1.5	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts	N-Cocamidopropyl-N,N-dimethylglycine, hydroxide, inner salt / N-(Coco alkyl) amido propyl dimethyl betaine / N-(3-Cocoamidopropyl)-N,N-dimethyl-N-carboxymethylammonium hydroxide, inner salt / Coconut amidobetaine / 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, inner salts / Cocoamido betaine / COCAMIDOPROPYL BETAINE / Cocamidopropyl betaine / Coconut oil amidopropyl betaine / 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-	(CAS-No.) 61789-40-0	0.1 - 1	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 Aquatic Acute 2, H401 Aquatic Chronic 3, H412

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	dimethyl-, N-cocoacyl derivatives, hydroxides, inner salts / 3-Amino-N-(carboxymethyl)-N,N-dimethyl-N-cocoacyl(derivatives)-1-propanaminium-hydroxide inner salt / cocamidopropyl betaine / (3-Aminopropan-1-yl)(carboxymethyl)dimethylammonium, N-coco acyl derivatives, inner salts / Cocamide betaine			
Sodium hydroxide	Caustic soda / Sodium hydroxide (Na(OH)) / SODIUM HYDROXIDE / LYE / Lye solution	(CAS-No.) 1310-73-2	0.1 - 1	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1, H314 Eye Dam. 1, H318 Aquatic Acute 3, H402
1-Dodecanamine, N,N-dimethyl-, N-oxide	Lauryldimethylamine oxide / N,N-Dimethyldodecylamine oxide / Dodecylamine, N,N-dimethyl-, N-oxide / Dodecyldimethylamine oxide / N,N-Dimethyldodecylamine N-oxide / N,N-Dimethylauramine N-oxide / LAURAMINE OXIDE / Lauramine oxide / Ammonyx LO / C-12 Dimethyl amine oxide	(CAS-No.) 1643-20-5	0.1 - 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Dipropylene glycol	Oxydipropanol / Propanol, oxybis- / Dipropylene glycol (isomer unspecified) / DIPROPYLENE GLYCOL / dipropylene glycol	(CAS-No.) 25265-71-8	0.1 - 1	Not classified.
1,2,3-Propanetriol	Glycerin / Glycerine / Glycerol / 1,2,3-Trihydroxypropane / GLYCERIN / Propane-1,2,3-triol	(CAS-No.) 56-81-5	0.1 - 1	Not classified.

Full text of H-statements: see section 16

\*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%). The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2022-272 and 29 CFR 1910.1200.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First-aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Wash affected area with soap and water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists.

**Eye Contact:** Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**General:** Causes eye irritation.

**Inhalation:** Prolonged exposure may cause irritation.

**Skin Contact:** May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

**Eye Contact:** May cause moderate irritation, including burning sensation, tearing, redness or swelling.

**Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

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## 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Water spray, fog, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam, or dry chemical.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen compounds. Sulfur oxides.

**Other Information:** Do not allow run-off from fire fighting to enter drains or water courses.

### 5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

#### 6.1.1. For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

### 6.3. Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### 6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Precautions for Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist, spray. Do not get in eyes, on skin, or on clothing.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

**Maximum Storage Period:** 7 - 10 years when properly stored and kept closed.

### 7.3. Specific End Use(s)

Motor Vehicle Wash

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

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For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

Sodium hydroxide (1310-73-2)		
USA ACGIH	ACGIH OEL Ceiling	2 mg/m <sup>3</sup>
USA OSHA	OSHA PEL TWA	2 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (Ceiling)	2 mg/m <sup>3</sup>
USA IDLH	IDLH	10 mg/m <sup>3</sup>
Alberta	OEL C	2 mg/m <sup>3</sup>
British Columbia	OEL C	2 mg/m <sup>3</sup>
Manitoba	OEL C	2 mg/m <sup>3</sup>
New Brunswick	OEL C	2 mg/m <sup>3</sup>
Newfoundland & Labrador	OEL C	2 mg/m <sup>3</sup>
Nova Scotia	OEL C	2 mg/m <sup>3</sup>
Nunavut	OEL C	2 mg/m <sup>3</sup>
Northwest Territories	OEL C	2 mg/m <sup>3</sup>
Ontario	OEL C	2 mg/m <sup>3</sup>
Prince Edward Island	OEL C	2 mg/m <sup>3</sup>
Québec	Plafond (OEL C)	2 mg/m <sup>3</sup>
Saskatchewan	OEL C	2 mg/m <sup>3</sup>
Yukon	OEL C	2 mg/m <sup>3</sup>
1,2,3-Propanetriol (56-81-5)		
USA OSHA	OSHA PEL TWA	15 mg/m <sup>3</sup> (mist, total particulate) 5 mg/m <sup>3</sup> (mist, respirable fraction)
Alberta	OEL TWA	10 mg/m <sup>3</sup> (mist)
British Columbia	OEL TWA	10 mg/m <sup>3</sup> (mist, total) 3 mg/m <sup>3</sup> (mist-respirable)
Nunavut	OEL STEL	20 mg/m <sup>3</sup> (mist)
Nunavut	OEL TWA	10 mg/m <sup>3</sup> (mist)
Northwest Territories	OEL STEL	20 mg/m <sup>3</sup> (mist)
Northwest Territories	OEL TWA	10 mg/m <sup>3</sup> (mist)
Québec	VEMP (OEL TWAEV)	10 mg/m <sup>3</sup> (mist)
Saskatchewan	OEL STEL	20 mg/m <sup>3</sup> (mist)
Saskatchewan	OEL TWA	10 mg/m <sup>3</sup> (mist)
Yukon	OEL TWA	30 mppcf (mist) 10 mg/m <sup>3</sup> (mist)

## 8.2. Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear protective gloves.

**Eye and Face Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

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**Other Information:** When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Color	: Green
Odor	: Lemon
Odor Threshold	: No data available
pH	: 8.2
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: > 93 °C (199.4 °F) Closed Cup
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: Not applicable
Lower Flammable Limit	: No data available
Upper Flammable Limit	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: No data available
Specific Gravity	: 1.013
Solubility	: No data available
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity, Kinematic	: No data available
Particle Aspect Ratio	: Not applicable
Particle Aggregation State	: Not applicable
Particle Agglomeration State	: Not applicable
Particle Specific Surface Area	: Not applicable
Particle Dustiness	: Not applicable
Viscosity	: 300 cP
VOC content	: 0.2 %
NVM by Weight	: 6%

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity:

Hazardous reactions will not occur under normal conditions.

### 10.2. Chemical Stability:

Stable under recommended handling and storage conditions (see section 7).

### 10.3. Possibility of Hazardous Reactions, Including those Associated with Foreseeable Emergencies:

Hazardous polymerization will not occur.

### 10.4. Conditions to Avoid:

Direct sunlight, extremely high or low temperatures, and incompatible materials.

### 10.5. Incompatible Materials:

Strong acids, strong bases, strong oxidizers.

### 10.6. Hazardous Decomposition Products:

Thermal decomposition may produce: Carbon oxides (CO, CO<sub>2</sub>). Nitrogen compounds. Sulfur oxides.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects - Product

**Likely routes of exposure:** Dermal, Eye Contact, Inhalation, Oral.

**Acute Toxicity (Oral):** Not classified.

**Acute Toxicity (Dermal):** Not classified.

**Acute Toxicity (Inhalation):** Not classified.

**LD50 and LC50 Data:**

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No additional information available

**Skin Corrosion/Irritation:** Causes skin irritation.

**pH:** 8.2

**Eye Damage/Irritation:** Causes eye irritation.

**pH:** 8.2

**Respiratory or Skin Sensitization:** Not classified.

**Germ Cell Mutagenicity:** Not classified.

**Carcinogenicity:** Not classified.

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified.

**Reproductive Toxicity:** Not classified.

**Specific Target Organ Toxicity (Single Exposure):** Not classified.

**Aspiration Hazard:** Not classified.

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.

**Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

**Symptoms/Injuries After Eye Contact:** May cause eye irritation.

**Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** None.

### 11.2. Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:**

<b>Sodium hydroxide (1310-73-2)</b>	
LD50 Oral Rat	325 mg/kg
LD50 Dermal Rabbit	1350 mg/kg (Source: NLM_HSDB)
<b>1-Dodecanamine, N,N-dimethyl-, N-oxide (1643-20-5)</b>	
ATE US/CA (oral)	500.00 mg/kg body weight
<b>Sodium lauryl sulfate (151-21-3)</b>	
LD50 Oral Rat	1288 mg/kg (Source: NLM_CIP)
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	> 975 mg/l/4h (Exposure time: 1 h)
<b>1,2,3-Propanetriol (56-81-5)</b>	
LD50 Oral Rat	27200 mg/kg (Source: ECHA_API)
LD50 Dermal Rabbit	> 10 g/kg (Source: NLM_CIP)
LC50 Inhalation Rat	> 2.75 mg/l/4h (No mortalities)
<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)</b>	
LD50 Oral Rat	> 5000 mg/kg (Source: ECHA)
LD50 Dermal Rabbit	> 2000 mg/kg (Source: CHEMVIEW)
<b>Dipropylene glycol (25265-71-8)</b>	
LD50 Oral Rat	14850 mg/kg (Source: NLM_CIP)
LD50 Dermal Rabbit	> 5010 mg/kg (Source: ECHA)
LC50 Inhalation Rat	> 2.34 mg/l/4h (No mortalities)
ATE US/CA (dermal)	20,460.00 mg/kg body weight
<b>Dodecylbenzenesulfonic acid (27176-87-0)</b>	
LD50 Oral Rat	1260 mg/kg (Source: JAPAN_GHS)
LD50 Dermal Rabbit	> 2000 mg/kg (No deaths)
<b>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives (85536-14-7)</b>	
LD50 Oral Rat	1470 mg/kg (Source: ECHA)
ATE US/CA (oral)	1,219.00 mg/kg body weight

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecology - General:** Toxic to aquatic life.

**Sodium hydroxide (1310-73-2)**

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LC50 Fish 1	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	40 mg/l
<b>1-Dodecanamine, N,N-dimethyl-, N-oxide (1643-20-5)</b>	
LC50 Fish 1	134 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
ErC50 algae	0.11 mg/l (72 hour)
<b>Sodium lauryl sulfate (151-21-3)</b>	
LC50 Fish 1	8 (8 – 12.5) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 - Crustacea [1]	1.8 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	15 (15 – 18.9) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
NOEC Chronic Crustacea	0.88 mg/l
<b>1,2,3-Propanetriol (56-81-5)</b>	
LC50 Fish 1	54000 (51000 – 57000) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)</b>	
LC50 Fish 1	1 – 10 mg/l (Exposure time: 96 h - Species: Brachydanio rerio Source: IUCLID)
EC50 - Crustacea [1]	6.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	2 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static] Source: IUCLID)
ErC50 algae	1.3 mg/l
<b>Dipropylene glycol (25265-71-8)</b>	
EC50 - Crustacea [1]	> 100 mg/l (Exposure Time: 48 h - Species: Daphnia magna)
ErC50 algae	> 100 mg/l (Exposure Time: 72 h - Species: Desmodesmus subspicatus)
NOEC Chronic Algae	> 100 mg/l (Exposure Time: 72 h - Species: Desmodesmus subspicatus)
<b>Dodecylbenzenesulfonic acid (27176-87-0)</b>	
LC50 Fish 1	10.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	5.88 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	3.5 – 10 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
NOEC Chronic Fish	> 1 mg/l
NOEC Chronic Crustacea	3.3 mg/l
<b>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives (85536-14-7)</b>	
LC50 Fish 1	5.6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: IUCLID)
EC50 - Crustacea [1]	5.2 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	1.67 mg/l (Exposure time: 96h - Species: Lepomis macrochirus)

## 12.2. Persistence and Degradability

<b>Zip Wax Car Wash &amp; Wax</b>	
Persistence and Degradability	Not established.

## 12.3. Bioaccumulative Potential

<b>Zip Wax Car Wash &amp; Wax</b>	
Bioaccumulative Potential	Not established.
<b>Sodium lauryl sulfate (151-21-3)</b>	
BCF Fish 1	(will not bioconcentrate)
Partition coefficient n-octanol/water (Log Pow)	1.6
<b>1,2,3-Propanetriol (56-81-5)</b>	
BCF Fish 1	(no bioaccumulation)
Partition coefficient n-octanol/water (Log Pow)	-1.75 (at 25 °C (at pH 7.4))
<b>Dipropylene glycol (25265-71-8)</b>	
BCF Fish 1	0.3 (0.3 – 1.4)
Partition coefficient n-octanol/water (Log Pow)	-0.462 (at 21.7 °C (at pH 6))
<b>Dodecylbenzenesulfonic acid (27176-87-0)</b>	

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<b>BCF Fish 1</b>	(119 L/kg (whole body w.w.))
<b>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives (85536-14-7)</b>	
<b>Partition coefficient n-octanol/water (Log Pow)</b>	2.2 (at 23 °C (at pH 3.7))

### 12.4. Mobility in Soil

<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)</b>	
<b>Organic Carbon Normalized Adsorption Coefficient (Log Koc)</b>	2.8

### 12.5. Other Adverse Effects

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

**Ecology - Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

## SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

### 14.1. In Accordance with DOT

Not regulated for transport

### 14.2. In Accordance with IMDG

Not regulated for transport

### 14.3. In Accordance with IATA

Not regulated for transport

### 14.4. In Accordance with TDG

Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

### 15.1. US Federal Regulations

<b>Zip Wax Car Wash &amp; Wax</b>	
<b>SARA Section 311/312 Hazard Classes</b>	Health hazard - Respiratory or skin sensitization Health hazard - Skin corrosion or Irritation Health hazard - Serious eye damage or eye irritation
<b>Sodium hydroxide (1310-73-2)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>CERCLA RQ</b>	1000 lb
<b>1-Dodecanamine, N,N-dimethyl-, N-oxide (1643-20-5)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>Sodium lauryl sulfate (151-21-3)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>1,2,3-Propanetriol (56-81-5)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>Dipropylene glycol (25265-71-8)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>Dodecylbenzenesulfonic acid (27176-87-0)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>CERCLA RQ</b>	1000 lb
<b>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives (85536-14-7)</b>	

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Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>EPA TSCA Regulatory Flag</b>	PMN - PMN - indicates a commenced PMN substance.

### 15.2. US State Regulations

<b>Sodium hydroxide (1310-73-2)</b> U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
<b>1,2,3-Propanetriol (56-81-5)</b> U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List
<b>Dipropylene glycol (25265-71-8)</b> U.S. - Pennsylvania - RTK (Right to Know) List
<b>Dodecylbenzenesulfonic acid (27176-87-0)</b> U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

### 15.3. Canadian Regulations

<b>Sodium hydroxide (1310-73-2)</b> Listed on the Canadian DSL (Domestic Substances List)
<b>1-Dodecanamine, N,N-dimethyl-, N-oxide (1643-20-5)</b> Listed on the Canadian DSL (Domestic Substances List)
<b>Sodium lauryl sulfate (151-21-3)</b> Listed on the Canadian DSL (Domestic Substances List)
<b>1,2,3-Propanetriol (56-81-5)</b> Listed on the Canadian DSL (Domestic Substances List)
<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)</b> Listed on the Canadian DSL (Domestic Substances List)
<b>Dipropylene glycol (25265-71-8)</b> Listed on the Canadian DSL (Domestic Substances List)
<b>Dodecylbenzenesulfonic acid (27176-87-0)</b> Listed on the Canadian DSL (Domestic Substances List)
<b>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives (85536-14-7)</b> Listed on the Canadian DSL (Domestic Substances List)

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Date of Preparation or Latest Revision** : 02/25/2025

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2022-272.

### GHS Full Text Phrases:

H320	Causes eye irritation
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**NFPA Health Hazard** : 1 - Materials that, under emergency conditions, can cause significant irritation.

**NFPA Fire Hazard** : 1 - Materials that must be preheated before ignition can occur.



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**NFPA Reactivity Hazard** : 0 - Material that in themselves are normally stable, even under fire conditions.

### HMIS III Rating

**Health** : 1 Slight hazard

**Flammability** : 1 Slight Hazard

**Physical** : 0 Minimal Hazard

### Glossary of Data Source Abbreviations

ATSDR: Agency for Toxic Substances and Disease Registry (U.S. Department of Health and Human Services)

AU\_WES: Australia WES

CHEMVIEW: ChemView (U.S. Environmental Protection Agency)

EC\_RAR: European Commission Renewal Assessment Report

EC\_SCOEL: European Commission Scientific Committee on Occupational Exposure Limits

ECETOC: European Centre for Ecotoxicology and Toxicology of Chemicals Reports

ECHA\_API: European Chemicals Agency API

ECHA\_RAC: ECHA Committee for Risk Assessment

EFSA: European Food Safety Authority

EPA: U.S. Environmental Protection Agency

EPA\_AEGL: Acute Exposure Guideline Levels (U.S. Environmental Protection Agency)

EPA\_FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act Reregistration Eligibility Decision (U.S. Environmental Protection Agency)

EPA\_HPVC: High Production Volume Chemicals (U.S. Environmental Protection Agency)

EPA\_TRED: Risk Assessment for Tolerance Reassessment Eligibility Decision (U.S. Environmental Protection Agency)

EU\_CLH: European Union Harmonised Classification and Labelling Proposal

EU\_RAR: European Union Risk Assessment Report

FOOD\_JOURN: Food Research Journal (1956)

IARC: The International Agency for Research on Cancer

IDLH: National Institute for Occupational Health and Safety Immediately Dangerous to Life or Health Value Profiles

IUCLID: International Uniform Chemical Information Database

JAPAN\_GHS: Japan GHS Basis for Classification Data

JP\_J-CHECK: Japan J-Check

KR\_NIER: South Korea National Institute of Environmental Research Evaluations

NICNAS: Australia National Industrial Chemicals Notification and Assessment Scheme

NIOSH: National Institute for Occupational Health and Safety (U.S. Department of Health and Human Services)

NLM\_CIP: National Library of Medicine ChemID plus database

NLM\_HSDB: National Library of Medicine Hazardous Substance Data Bank

NLM\_PUBMED: National Library of Medicine PubMed database

NTP: National Toxicology Program

NZ\_CCID: New Zealand Chemical Classification and Information Database

OECD\_EHSP: Environment, Health, and Safety Publication (Organisation for Economic Co-operation and Development)

OECD\_SIDS: Screening Information Data Sets (Organisation for Economic Co-operation and Development)

WHO: World Health Organization

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