

# SAFETY DATA SHEET

## ZEP ENVIROEDGE BLUE MARVEL CAR & TRUCK WASH 1GL 4CT

Version 7.0

Revision Date 01/19/2024

Print Date 04/27/2025

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : ZEP ENVIROEDGE BLUE MARVEL CAR & TRUCK WASH 1GL 4CT

Material number : 000000000000035624

#### Manufacturer or supplier's details

Company : Zep Inc.

Address : 350 Joe Frank Harris Parkway, SE  
Emerson, GA 30137

Telephone : Compliance Services - 877-428-9937

#### Emergency telephone numbers

For SDS Information : Compliance Services - 877-428-9937

For a Medical Emergency : 877-541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency : CHEMTREC: 800-424-9300 - All Calls Recorded.  
In the District of Columbia 202-483-7616

#### Recommended use of the chemical and restrictions on use

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

|            |         |
|------------|---------|
| Appearance | viscous |
| Colour     | blue    |
| Odour      | mild    |

#### GHS Classification

Skin irritation : Category 2  
Eye irritation : Category 2A

#### GHS label elements

Hazard pictograms :



Exclamation  
mark

Signal word : Warning

Hazard statements : H315 Causes skin irritation.  
H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**  
P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves/ eye protection/ face protection.  
**Response:**  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

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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.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous components

| Chemical name  | CAS-No.    | Concentration [%] |
|--|------------|-------------------|
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts  | 68439-57-6 | $\geq 10 - < 20$  |
| 1-Propanaminium, N-(3-aminopropyl)-2-hydroxy-N,N-dimethyl-3-sulfo-, N-coco acyl derivs., hydroxides, inner salts | 68139-30-0 | $\geq 3 - < 5$    |

The exact percentages of disclosed substances are withheld as trade secrets.

### SECTION 4. FIRST AID MEASURES

- General advice : Do not leave the victim unattended.
- If inhaled : If breathed in, move person into fresh air.  
Remove person to fresh air. If signs/symptoms continue, get medical attention.
- In case of skin contact : If skin irritation persists, call a physician.  
In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : Effects are immediate and delayed.  
Symptoms may include irritation, redness, pain, and rash.  
Causes skin irritation.  
Causes serious eye irritation.  
Review section 2 of SDS to see all potential hazards.

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Notes to physician : Treat symptomatically. Symptoms may be delayed.

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### SECTION 5. FIREFIGHTING MEASURES

- |   |   |
|---|---|
| Suitable extinguishing media                  | : Dry chemical<br>Carbon dioxide (CO <sub>2</sub> )<br>Alcohol-resistant foam<br>Foam<br>Water spray      |
| Unsuitable extinguishing media                | : High volume water jet   |
| Hazardous combustion products                 | : Carbon dioxide (CO <sub>2</sub> )<br>Carbon monoxide<br>Smoke   |
| Specific extinguishing methods                | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Further information                           | : Standard procedure for chemical fires.  |
| Special protective equipment for firefighters | : Wear self-contained breathing apparatus for firefighting if necessary.                                  |

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- |   |  |
|---|--|
| Personal precautions, protective equipment and emergency procedures | : Use personal protective equipment.<br>Ensure adequate ventilation.<br>Evacuate personnel to safe areas.  |
| Environmental precautions   | : Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains, inform respective authorities. |
| Methods and materials for containment and cleaning up               | : Wipe up with absorbent material (e.g. cloth, fleece).<br>Keep in suitable, closed containers for disposal.   |

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### SECTION 7. HANDLING AND STORAGE

- |                             |  |
|-----------------------------|--|
| Advice on safe handling     | : For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area. |
| Conditions for safe storage | : Electrical installations / working materials must comply with the technological safety standards.                    |
| Materials to avoid          | : Do not freeze.<br>Oxidizing agents<br>Do not store near acids.   |

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Storage temperature : 5 - 40 °C

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

**Engineering measures** : effective ventilation in all processing areas

#### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Material : Protective gloves

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Access to clean water to rinse eyes must be available, options include: eye wash stations or showers, or eye wash bottles with pure water.  
Safety glasses

Skin and body protection : Protective suit  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : viscous

Colour : blue

Odour : mild

Odour Threshold : No data available

pH : 8 - 10.5

Melting point/freezing point : No data available

Boiling point : 100 °C

Flash point :  
does not flash

Evaporation rate : 1

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|  |                            |
|--|----------------------------|
| Upper explosion limit                  | : No data available        |
| Lower explosion limit                  | : No data available        |
| Vapour pressure                        | : not determined           |
| Relative vapour density                | : No data available        |
| Density                                | : 1.031 g/cm <sup>3</sup>  |
| Solubility(ies)                        |                            |
| Water solubility                       | : partly soluble           |
| Partition coefficient: n-octanol/water | : No data available        |
| Auto-ignition temperature              | : not determined           |
| Thermal decomposition                  | : No data available        |
| Viscosity                              |                            |
| Viscosity, kinematic                   | : 106.9 mm <sup>2</sup> /s |

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#### SECTION 10. STABILITY AND REACTIVITY

|                                    |  |
|------------------------------------|--|
| Reactivity                         | : Stable   |
| Chemical stability                 | : Stable under normal conditions.  |
| Possibility of hazardous reactions | : Stable under recommended storage conditions.   |
| Conditions to avoid                | : No data available  |
| Incompatible materials             | : Acids<br>Oxidizing agents  |
| Hazardous decomposition products   | : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).<br>Sulphur oxides |

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#### SECTION 11. TOXICOLOGICAL INFORMATION

##### Potential Health Effects

|                              |  |
|------------------------------|--|
| Aggravated Medical Condition | : None known.  |
| Symptoms of Overexposure     | : Effects are immediate and delayed.<br>Symptoms may include irritation, redness, pain, and rash.<br>Causes skin irritation.<br>Causes serious eye irritation.<br>Review section 2 of SDS to see all potential hazards.<br>Treat symptomatically. Symptoms may be delayed. |

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#### **Carcinogenicity:**

##### **IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

##### **ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

##### **OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

##### **NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

#### **Acute toxicity**

No data available

#### **Skin corrosion/irritation**

##### **Product:**

Remarks: Irritating to skin.

#### **Serious eye damage/eye irritation**

##### **Product:**

Remarks: Irritating to eyes.

#### **Respiratory or skin sensitisation**

No data available

#### **Germ cell mutagenicity**

No data available

#### **Carcinogenicity**

No data available

#### **Reproductive toxicity**

No data available

#### **STOT - single exposure**

No data available

#### **STOT - repeated exposure**

No data available

#### **Aspiration toxicity**

No data available

#### **Further information**

##### **Product:**

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Remarks: No data available

### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

No data available

#### Persistence and degradability

No data available

#### Bioaccumulative potential

##### Product:

Partition coefficient: n-octanol/water : Remarks: No data available

#### Mobility in soil

No data available

#### Other adverse effects

No data available

##### Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : No data available

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Waste from residues : Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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### SECTION 14. TRANSPORT INFORMATION

Transportation Regulation: 49 CFR (USA):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IMDG (Vessel):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Cargo Air):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Passenger Air):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: TDG (Canada):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

The product as delivered to the customer conforms to packaging requirements for shipment by road under US Department of Transportation (DOT) regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

### SECTION 15. REGULATORY INFORMATION

**TSCA list** : No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

#### EPCRA - Emergency Planning and Community Right-to-Know Act

##### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

##### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Skin corrosion or irritation  
Serious eye damage or eye irritation

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.



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#### **California Prop. 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

#### **The components of this product are reported in the following inventories:**

|             |  |
|-------------|--|
| <b>DSL</b>  | All components of this product are on the Canadian DSL |
| <b>TSCA</b> | On TSCA Inventory                                      |

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

#### **Inventory Acronym and Validity Area Legend:**

TSCA (USA), DSL (Canada), NDSL (Canada)

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## **SECTION 16. OTHER INFORMATION**

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### Further information

#### NFPA:

|                 |   |
|-----------------|---|
| HEALTH          | 2 |
| FLAMMABILITY    | 0 |
| INSTABILITY     | 0 |
| SPECIAL HAZARD. |   |

0 = not significant, 1 =Slight,  
2 = Moderate, 3 = High  
4 = Extreme

#### HMIS III:

|                 |   |
|-----------------|---|
| HEALTH          | 2 |
| FLAMMABILITY    | 0 |
| PHYSICAL HAZARD | 0 |

0 = not significant, 1 =Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

### OSHA - GHS Label Information:

Hazard pictograms



Signal word

Hazard statements

Precautionary statements

: **Warning:**  
: Causes skin irritation. Causes serious eye irritation.

: **Prevention:** Wash skin thoroughly after handling. Wear protective gloves/ eye protection/ face 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/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.

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|----------------|------------|
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