

# Safety Data Sheet

Issue Date: 08-Apr-2025

Revision Date: 08-Apr-2025

Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** Q1 Blue +32°F

### Other means of identification

**SDS #** SPLASH-066

**Product Code** 850826-35 (1 gallon), 850855 (55 gallon drum)

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

**Recommended Use** Windshield washer fluid.

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

#### **Manufacturer Address**

FMP  
1380 Corporate Center Curve, Suite 200  
Eagan, MN 55121  
Phone: 888-784-0802

### Emergency telephone number

**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Blue liquid

**Physical state** Liquid

**Odor** None

### Classification

This chemical does not meet the hazardous criteria set forth by the OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product. This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

## 4. FIRST AID MEASURES

### Description of first aid measures

**Eye Contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin Contact** Wash off immediately with plenty of water for at least 15 minutes.

**Inhalation** Remove to fresh air.

**Ingestion** Clean mouth with water and drink afterwards plenty of water.

### Most important symptoms and effects, both acute and delayed

**Symptoms** None known.

**Indication of any immediate medical attention and special treatment needed****Notes to Physician**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.**Specific Hazards Arising from the Chemical**

Not determined.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Use personal protective equipment as required.

**Environmental precautions****Environmental precautions**

See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up****Methods for Containment**

Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up**

Keep in suitable, closed containers for disposal.

**7. HANDLING AND STORAGE****Precautions for safe handling****Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities****Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials**

None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Appropriate engineering controls****Engineering Controls**

Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures, such as personal protective equipment**

|                                       |  |
|---------------------------------------|--|
| <b>Eye/Face Protection</b>            | Refer to 29 CFR 1910.133 for eye and face protection regulations.      |
| <b>Skin and Body Protection</b>       | Refer to 29 CFR 1910.138 for appropriate skin and body protection.     |
| <b>Respiratory Protection</b>         | Refer to 29 CFR 1910.134 for respiratory protection requirements.      |
| <b>General Hygiene Considerations</b> | Handle in accordance with good industrial hygiene and safety practice. |

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

|                       |             |                       |                |
|-----------------------|-------------|-----------------------|----------------|
| <b>Physical state</b> | Liquid      | <b>Odor</b>           | None           |
| <b>Appearance</b>     | Blue liquid | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Blue        |                       |                |

| <b><u>Property</u></b>                         | <b><u>Values</u></b>  | <b><u>Remarks • Method</u></b> |
|--|-----------------------|--------------------------------|
| <b>pH</b>                                      | 8.0                   |                                |
| <b>Melting point / freezing point</b>          | No data available     |                                |
| <b>Initial boiling point and boiling range</b> | No data available     |                                |
| <b>Flash point</b>                             | >93°C / >199.4°F      |                                |
| <b>Evaporation rate</b>                        | Not determined        |                                |
| <b>Flammability (Solid, Gas)</b>               | Liquid-Not applicable |                                |
| <b>Flammability Limit in Air</b>               |                       |                                |
| <b>Upper flammability or explosive limits</b>  | No data available     |                                |
| <b>Lower flammability or explosive limits</b>  | No data available     |                                |
| <b>Vapor Pressure</b>                          | Not determined        |                                |
| <b>Relative vapor density</b>                  | No data available     |                                |
| <b>Relative Density</b>                        | 1.000                 |                                |
| <b>Water Solubility</b>                        | Not determined        |                                |
| <b>Solubility in other solvents</b>            | Not determined        |                                |
| <b>Partition Coefficient</b>                   | Not determined        |                                |
| <b>Autoignition temperature</b>                | No data available     |                                |
| <b>Decomposition temperature</b>               | Not determined        |                                |
| <b>Kinematic viscosity</b>                     | Not determined        |                                |
| <b>Dynamic viscosity</b>                       | Not determined        |                                |
| <b>Explosive Properties</b>                    | Not determined        |                                |
| <b>Oxidizing Properties</b>                    | Not determined        |                                |

**Other information**

|                       |            |
|-----------------------|------------|
| <b>Liquid Density</b> | 8.35 lb/gl |
|-----------------------|------------|

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid**

Keep out of reach of children.

**Incompatible materials**

None known based on information supplied.

**Hazardous decomposition products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

**Eye Contact** Avoid contact with eyes.

**Skin Contact** Avoid contact with skin.

**Inhalation** Do not inhale.

**Ingestion** Do not ingest.

**Component Information**

| Chemical name                    | Oral LD50           | Dermal LD50          | Inhalation LC50        |
|----------------------------------|---------------------|----------------------|------------------------|
| Denatonium Benzoate<br>3734-33-6 | = 584 mg/kg ( Rat ) | > 2000 mg/kg ( Rat ) | = 0.2 mg/L ( Rat ) 4 h |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity**

Not available

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

Not determined

**Other adverse effects**

Not determined

### 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

##### **Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

##### **Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

### 14. TRANSPORT INFORMATION

#### Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

#### DOT

Not regulated

#### IATA

Not regulated

#### IMDG

Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

| Chemical name       | TSCA | TSCA Inventory Status | DSL/NDSL | EINECS/ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|---------------------|------|-----------------------|----------|---------------|------|-------|------|-------|------|
| Denatonium Benzoate | X    | ACTIVE                | X        | X             | X    | X     | X    | X     | X    |

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing Chemicals Inventory

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

#### US Federal Regulations

##### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

##### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

**16. OTHER INFORMATION****NFPA****Health hazards****Flammability****Instability****Special hazards**

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**HMIS****Health hazards****Flammability****Physical hazards****Personal Protection**

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Not determined

**Issue Date:** 08-Apr-2025**Revision Date:** 08-Apr-2025**Revision Note:** New product**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

ADDITIONAL PRODUCT INFORMATION DISCLOSURE

+32°F WW

| CS#        | Raw Material                           | Functional Purpose | List of Concern   | Links to Lists of Concern   |
|------------|--|--------------------|---|---|
| 7732-18-5  | Water                                  |                    |   |   |
| 52-51-7    | Bronopol                               | Preservative       | EU Fragrance Allergens<br>EU CMR<br>EU Respiratory Sensitizers            | <a href="https://ec.europa.eu/health/sites/health/files/endocrine_disruptors/docs/cosmetic_1223_2009_regulation_en.pdf">https://ec.europa.eu/health/sites/health/files/endocrine_disruptors/docs/cosmetic_1223_2009_regulation_en.pdf</a><br><a href="https://ec.europa.eu/growth/sectors/cosmetics/products/cmr-substances_en">https://ec.europa.eu/growth/sectors/cosmetics/products/cmr-substances_en</a><br><a href="https://echa.europa.eu/information-on-chemicals/cd-inventory-database?p_p_id=discinventory_WAR_discinventoryportlet&amp;p_p_lifecycle=0&amp;p_p_state=normal&amp;p_p_mode=view&amp;p_p_col_id=column-database?p_p_col_count=2">https://echa.europa.eu/information-on-chemicals/cd-inventory-database?p_p_id=discinventory_WAR_discinventoryportlet&amp;p_p_lifecycle=0&amp;p_p_state=normal&amp;p_p_mode=view&amp;p_p_col_id=column-</a><br><a href="https://echa.europa.eu/search-for-chemicals?">https://echa.europa.eu/search-for-chemicals?</a>  |
| 7631-99-4  | Sodium nitrate                         | Preservative       | EU PBIs<br>EU Respiratory Sensitizers                                     | <a href="https://echa.europa.eu/information-on-chemicals/cd-inventory-database?p_p_id=discinventory_WAR_discinventoryportlet&amp;p_p_lifecycle=0&amp;p_p_state=normal&amp;p_p_mode=view&amp;p_p_col_id=column-1&amp;p_p_col_pos=1&amp;p_p_col_count=2">https://echa.europa.eu/information-on-chemicals/cd-inventory-database?p_p_id=discinventory_WAR_discinventoryportlet&amp;p_p_lifecycle=0&amp;p_p_state=normal&amp;p_p_mode=view&amp;p_p_col_id=column-1&amp;p_p_col_pos=1&amp;p_p_col_count=2</a><br><a href="https://ec.europa.eu/health/sites/health/files/endocrine_disruptors/docs/cosmetic_1223_2009_regulation_en.pdf">https://ec.europa.eu/health/sites/health/files/endocrine_disruptors/docs/cosmetic_1223_2009_regulation_en.pdf</a><br><a href="https://echa.europa.eu/information-on-chemicals/pbt-vp-vb-assessments-under-the-previous-eu-chemicals-legislation?p_p_id=viewsubstances_WAR_echaesubstanceportlet&amp;p_p_lifecycle=0&amp;p_p_state=normal&amp;p_p_mode=view&amp;p_p_col_id=column-">https://echa.europa.eu/information-on-chemicals/pbt-vp-vb-assessments-under-the-previous-eu-chemicals-legislation?p_p_id=viewsubstances_WAR_echaesubstanceportlet&amp;p_p_lifecycle=0&amp;p_p_state=normal&amp;p_p_mode=view&amp;p_p_col_id=column-</a> |
| 26172-55-4 | 5-Chloro-2-methyl-4-isothiazolin-3-one | Preservative       | EU Fragrance Allergens<br>EU CMR<br>EU PBIs                               | <a href="https://ec.europa.eu/health/sites/health/files/endocrine_disruptors/docs/cosmetic_1223_2009_regulation_en.pdf">https://ec.europa.eu/health/sites/health/files/endocrine_disruptors/docs/cosmetic_1223_2009_regulation_en.pdf</a><br><a href="https://echa.europa.eu/information-on-chemicals/cd-inventory-database?p_p_id=discinventory_WAR_discinventoryportlet&amp;p_p_lifecycle=0&amp;p_p_state=normal&amp;p_p_mode=view&amp;p_p_col_id=column-database?p_p_col_count=2">https://echa.europa.eu/information-on-chemicals/cd-inventory-database?p_p_id=discinventory_WAR_discinventoryportlet&amp;p_p_lifecycle=0&amp;p_p_state=normal&amp;p_p_mode=view&amp;p_p_col_id=column-</a><br><a href="https://echa.europa.eu/search-for-chemicals?">https://echa.europa.eu/search-for-chemicals?</a>   |
| 2682-20-4  | 2-Methyl-4-isothiazolin-3-one          | Preservative       | EU Fragrance Allergens<br>EU CMR<br>EU Respiratory Sensitizers<br>EU PBIs | <a href="https://ec.europa.eu/health/sites/health/files/endocrine_disruptors/docs/cosmetic_1223_2009_regulation_en.pdf">https://ec.europa.eu/health/sites/health/files/endocrine_disruptors/docs/cosmetic_1223_2009_regulation_en.pdf</a><br><a href="https://echa.europa.eu/information-on-chemicals/cd-inventory-database?p_p_id=discinventory_WAR_discinventoryportlet&amp;p_p_lifecycle=0&amp;p_p_state=normal&amp;p_p_mode=view&amp;p_p_col_id=column-database?p_p_col_count=2">https://echa.europa.eu/information-on-chemicals/cd-inventory-database?p_p_id=discinventory_WAR_discinventoryportlet&amp;p_p_lifecycle=0&amp;p_p_state=normal&amp;p_p_mode=view&amp;p_p_col_id=column-</a><br><a href="https://echa.europa.eu/search-for-chemicals?">https://echa.europa.eu/search-for-chemicals?</a>   |
| 3486-30-4  | C.I. Acid blue 7, sodium salt          | Dye                |   |   |
| 57-55-6    | Propylene glycol                       | Bittering agent    |   |   |
| 3734-33-6  | Denatonium Benzoate                    | Bittering agent    |   |   |

[https://leginfo.ca.gov/faces/billNavClient.xhtml?bill\\_id=20172018058258](https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=20172018058258)