



# Safety Data Sheet

Issue Date: 08-Apr-2019

Revision Date: 09-Sep-2019

Version 3

## 1. IDENTIFICATION

### Product identifier

**Product Name** Qwix Mix Biodegradable Windshield Washer Fluid Super Concentrate

### Other means of identification

**SDS #** QM-001

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

**Recommended Use** Washing solution.

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

#### **Manufacturer Address**

Qwix Mix  
1233 NW 2nd Street  
Madison, SD 57042  
Ph: 605-256-2565

#### **Emergency telephone number**

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

## 2. HAZARDS IDENTIFICATION

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

**Appearance** Dark blue liquid

**Physical state** Liquid

### Classification

The classification and labeling information in this Safety Data Sheet should be viewed as provisional, as physical test data has not been performed. This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name          | CAS No      | Weight-% |
|------------------------|-------------|----------|
| Proprietary surfactant | Proprietary | 1-5      |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## 4. FIRST AID MEASURES

### Description of first aid measures

**General Advice** Provide this SDS to medical personnel for treatment.

**Eye Contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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**General Advice** Provide this SDS to medical personnel for treatment.

**Eye Contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

|                     |  |
|---------------------|--|
| <b>Skin Contact</b> | Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.                   |
| <b>Inhalation</b>   | Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician/poison center if individual's condition declines or if symptoms persist.   |
| <b>Ingestion</b>    | Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If conscious give 2 glasses of water to dilute. Call a poison center or doctor/physician if you feel unwell. |

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

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Ingestion may cause nausea, vomiting, dizziness, and headache. May cause skin and eye irritation. |
|-----------------|---|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Alcohol resistant foam. Dry chemical or CO2.

**Unsuitable Extinguishing Media** Water jet.

**Specific Hazards Arising from the Chemical**

Container explosion may occur under fire conditions. Use water spray to keep containers cool.

**Hazardous combustion products** Carbon oxides.

**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. Use water spray to keep fire-exposed containers cool.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

|                             |   |
|-----------------------------|---|
| <b>Personal Precautions</b> | Remove all sources of ignition. Ventilate area of leak or spill. Avoid breathing vapors or mists. Wear protective clothing as described in Section 8 of this safety data sheet. |
|-----------------------------|---|

**Environmental precautions**

|                                  |   |
|----------------------------------|---|
| <b>Environmental precautions</b> | Prevent runoff from entering drains, sewers or streams. See Section 12 for additional Ecological Information. |
|----------------------------------|---|

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

|                                |  |
|--------------------------------|--|
| <b>Methods for Containment</b> | Prevent further leakage or spillage if safe to do so. Absorb spill with inert material (e.g. dry sand or earth). |
|--------------------------------|--|

|                             |   |
|-----------------------------|---|
| <b>Methods for Clean-Up</b> | Sweep up and shovel into suitable containers for disposal. For waste disposal, see section 13 of the SDS. |
|-----------------------------|---|

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling**      Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray.

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

**Storage Conditions**      Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from heat and incompatible materials.

**Incompatible Materials**      Oxidizing agents. Strong acids.

**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. Showers  
Eyewash stations  
Ventilation systems.

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

**Eye/Face Protection**      Wear safety glasses with side shields (or goggles). Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection**      Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Reference Wiley's "Quick Selection Guide to Chemical Protective Clothing". Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection**      If necessary, wear a MSHA/NIOSH-approved respirator. Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|  |   |  |  |
|--|---|--|--|
| <p><b>Physical state</b><br/><b>Appearance</b><br/><b>Color</b></p>  | <p>Liquid<br/>Dark blue liquid<br/>Dark blue</p>  | <p><b>Odor</b><br/><b>Odor Threshold</b></p> | <p>Not determined<br/>Not determined</p> |
| <p><b><u>Property</u></b><br/>pH<br/>Melting point / freezing point<br/>Boiling point / boiling range<br/>Flash point<br/>Evaporation Rate<br/>Flammability (Solid, Gas)</p> | <p><b><u>Values</u></b><br/>Not determined<br/>Not determined<br/>Not determined<br/>Not determined<br/>Not determined<br/>Not determined</p> | <p><b><u>Remarks • Method</u></b></p>        |  |

**Flammability Limit in Air**

|   |                |
|---|----------------|
| <b>Upper flammability or explosive limits</b> | Not determined |
| <b>Lower flammability or explosive limits</b> | Not determined |
| <b>Vapor Pressure</b>                         | Not determined |
| <b>Vapor Density</b>                          | Not determined |
| <b>Relative Density</b>                       | Not determined |
| <b>Water Solubility</b>                       | Not determined |
| <b>Solubility in other solvents</b>           | Not determined |
| <b>Partition Coefficient</b>                  | Not determined |
| <b>Autoignition temperature</b>               | Not determined |
| <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 |

**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**

Heat, flames and sparks.

**Incompatible materials**

Oxidizing agents. Strong acids.

**Hazardous decomposition products**

Thermal decomposition may produce oxides of carbon.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | May cause temporary irritation on eye contact.          |
| <b>Skin Contact</b> | Prolonged contact may cause redness and irritation.     |
| <b>Inhalation</b>   | May cause irritation if inhaled.                        |
| <b>Ingestion</b>    | May cause nausea, vomiting, stomach ache, and diarrhea. |

**Component Information**

| Chemical name          | Oral LD50                                 | Dermal LD50         | Inhalation LC50 |
|------------------------|---|---------------------|-----------------|
| Proprietary surfactant | = 1400 mg/kg ( Rat ) = 1378 mg/kg ( Rat ) | > 2 g/kg ( Rabbit ) | -               |

**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**

The following values are calculated based on chapter 3.1 of the GHS document .  
**Oral LD50** 91,866.67 mg/kg

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment 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/ELI NCS | ENCS | IECSC | KECL | PICCS | AICS |
|------------------------|------|-----------------------|----------|----------------|------|-------|------|-------|------|
| Proprietary surfactant | X    | ACTIVE                | 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 and Evaluated Chemical Substances*
- 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).

**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**

Not determined

Not determined

Not determined

Not determined

**HMIS**

**Health Hazards**

**Flammability**

**Physical hazards**

**Personal Protection**

Not determined

Not determined

Not determined

Not determined

**Issue Date:** 08-Apr-2019  
**Revision Date:** 09-Sep-2019  
**Revision Note:** New formula

**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**