

# SAFETY DATA SHEET

## Revolution 5 Agriculture

Issue Date 6-Mar-2023

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Version 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

**Product Name** Enersync Ca

**Other means of identification**

**SDS#** QB007

**Details of the supplier of the safety data sheet**

**Company Name** Revolution 5 Agriculture  
2258-Magnussen Place  
North Vancouver, B.C. Canada  
V7J 3R6

**Emergency telephone number**

**Emergency Telephone** 778-835-5251

### 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This product has been classified in accordance with the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|                         |                |
|-------------------------|----------------|
| Acute toxicity - Oral   | Not classified |
| Acute toxicity - Dermal | Not classified |

**Label elements**

**Emergency Overview**

**Appearance** Clear

**Physical state** Liquid

**Odor** Odorless

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician  
Specific Treatment (See Section 4 on the SDS)  
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting  
Immediately call a POISON CENTER or doctor/physician  
Drink plenty of water

**Precautionary Statements - Disposal**

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

**Hazards not otherwise classified (HNOC)**

**Other Information**

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

### 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

##### First aid measures

|   |   |
|---|---|
| <b>General advice</b>                     | If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.   |
| <b>Skin Contact</b>                       | Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.   |
| <b>Eye contact</b>                        | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician. |
| <b>Inhalation</b>                         | Remove to fresh air. Call a physician. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.                 |
| <b>Ingestion</b>                          | Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do NOT induce vomiting.  |
| <b>Self-protection of the first aider</b> | Use personal protective equipment as required.  |

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

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | Any additional important symptoms and effects are described in Section 11: Toxicology Information. |
|-----------------|--|

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

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | 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** Caution: Use of water spray when fighting fire may be inefficient.

##### Specific hazards arising from the chemical

No Information available.

##### Explosion data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

##### 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

|                             |  |
|-----------------------------|--|
| <b>Personal precautions</b> | Ensure adequate ventilation, especially in confined areas. |
|-----------------------------|--|

##### Environmental precautions

|                                  |  |
|----------------------------------|--|
| <b>Environmental precautions</b> | Prevent entry into waterways, sewers, basements or confined areas. Do not flush into |
|----------------------------------|--|

surface water or sanitary sewer system.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Cover liquid spill with sand, earth or other non-combustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled containers.

### **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 contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product.

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

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

**Incompatible materials** None known based on information supplied.

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **Control parameters**

**Exposure Guidelines** Exposure guidelines noted for ingredient(s).

| Chemical Name                | ACGIH TLV | OSHA PEL   | NIOSH IDLH   |
|------------------------------|-----------|--|--|
| Silicon Dioxide<br>7631-86-9 | -         | (vacated) TWA: 6 mg/m <sup>3</sup> <1%<br>Crystalline silica<br>TWA: 20 mppcf<br>: (80)/(%) SiO <sub>2</sub> mg/m <sup>3</sup> TWA | IDLH: 3000 mg/m <sup>3</sup><br>TWA: 6 mg/m <sup>3</sup> |

#### **Appropriate engineering controls**

**Engineering Controls** Showers, Eyewash stations & Ventilation systems.

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

**Eye/face protection** Tight sealing safety goggles.

**Skin and body protection** No special technical protective measures are necessary. Wear protective gloves and protective clothing if needed.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

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

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

#### **Information on basic physical and chemical properties**

**Physical state** Liquid  
**Appearance** Clear

|                       |                          |
|-----------------------|--------------------------|
| <b>Color</b>          | Amber                    |
| <b>Odor</b>           | Odorless                 |
| <b>Odor threshold</b> | No Information available |

| <u>Property</u>               | <u>Values</u>                      | <u>Remarks • Method</u> |
|-------------------------------|------------------------------------|-------------------------|
| pH                            | 3.0 - 4.0                          |                         |
| Specific Gravity              | 1.33                               |                         |
| Viscosity                     | No Information available           |                         |
| Melting point/freezing point  | No Information available           |                         |
| Flash point                   | Above 200°F                        |                         |
| Boiling point / boiling range | >= 100 °C / 212 ° F (at 760 mm Hg) |                         |
| Evaporation rate              | No Information available           |                         |
| Flammability (solid, gas)     | No data available                  |                         |
| Flammability Limits in Air    |                                    |                         |
| Upper flammability limit:     | No Information available           |                         |
| Lower flammability limit:     | No Information available           |                         |
| Vapor pressure                | No Information available           |                         |
| Vapor density                 | No Information available           |                         |
| Water solubility              | Complete                           |                         |
| Partition coefficient         | No Information available           |                         |
| Autoignition temperature      | No Information available           |                         |
| Decomposition temperature     | No Information available           |                         |

**Other Information**

|                 |                          |
|-----------------|--------------------------|
| Density Lbs/Gal | 11.0                     |
| VOC Content (%) | No Information available |

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

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**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**

|                    |   |
|--------------------|---|
| <b>Inhalation</b>  | No data available. Avoid breathing vapors or mists. |
| <b>Eye contact</b> | No data available. Avoid contact with eyes.         |

**Skin Contact** No data available. Avoid contact with skin.

**Ingestion** Harmful if swallowed.

#### Information on toxicological effects

**Symptoms** No Information available.

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

**Sensitization** No Information available.  
**Germ cell mutagenicity** No Information available.  
**Carcinogenicity** No Information available.  
**Reproductive toxicity** No Information available.  
**STOT - single exposure** No Information available.  
**STOT - repeated exposure** No Information available.  
**Aspiration hazard** No Information available.

#### Numerical measures of toxicity - Product Information

**Unknown Acute Toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

**ATEmix (oral)** 38,943.00 mg/kg mg/l  
**ATEmix (inhalation-dust/mist)** 27.53 mg/l  
**ATEmix (inhalation-vapor)** 1,250.00 mg/l

## 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

11.35% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical Name                | Algae/aquatic plants                                   | Fish   | Crustacea                                  |
|------------------------------|--|--|--|
| Silicon Dioxide<br>7631-86-9 | 440: 72 h Pseudokirchneriella<br>subcapitata mg/L EC50 | 5000: 96 h Brachydanio rerio mg/L<br>LC50 static | 7600: 48 h Ceriodaphnia dubia mg/L<br>EC50 |

#### Persistence and degradability

No Information available.

#### Bioaccumulation

No Information available.

#### Other adverse effects

No Information available

## 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** Do not reuse container.

**14. TRANSPORT INFORMATION**

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

**DOT** Not regulated

**15. REGULATORY INFORMATION****International Inventories**

**TSCA** Complies  
**DSL/NDSL** Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations****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

**SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute health hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | No  |
| <b>Fire hazard</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**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)

**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

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

This product does not contain any Proposition 65 chemicals

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

| Chemical Name                 | New Jersey | Massachusetts | Pennsylvania |
|-------------------------------|------------|---------------|--------------|
| Silicon Dioxide<br>7631-86-9  | X          | X             | X            |
| Calcium Chloride<br>7440-70-2 | X          | X             | X            |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not Applicable

**WHMIS Hazard Class**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

Non-controlled

**16. OTHER INFORMATION**

|             |                |   |              |   |                  |   |                                  |     |
|-------------|----------------|---|--------------|---|------------------|---|----------------------------------|-----|
| <b>NFPA</b> | Health hazards | 1 | Flammability | 0 | Instability      | 0 | Physical and Chemical Properties | Yes |
| <b>HMIS</b> | Health hazards | 1 | Flammability | 0 | Physical hazards | 0 | Personal protection              | X   |

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Revision Date

Revision Note

No Information available

**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**