



# MATERIAL SAFETY DATA SHEET

## High Output Garden™ CARBS

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** High Output Garden™ CARBS

**Application:** Plant nutrient supplement to maximize growth and yield.

**Supplier / Manufacturer:** Innovating Plant Products Inc.

4150 Midport Road  
Campbell River, BC  
Canada, V5J 5G5  
Tel: 250-286-8914

### SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS

High Output Garden™ CARBS is a mixture of carbohydrates in aqueous solution to supplement plant nutrients in hydroponic systems.

| Ingredients | CAS number |
|-------------|------------|
| Glucose     | 50-99-7    |
| D-Xylose    | 58-86-6    |

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous.

### SECTION 3: HAZARDS IDENTIFICATION

#### Emergency Overview

#### Potential Health Effects:

**Eyes:** Can cause eye irritation. For eye contact, remove contact lenses, and immediately flush eyes with running water for at least 15 minutes.

**Skin:** Can irritate the skin.

**Ingestion:** Can cause gastrointestinal irritation with nausea, vomiting and diarrhea.

**Inhalation:** N/A

**Carcinogenicity:** None of the ingredients are listed by IARC, NTP, or ACGIH as carcinogens or potential carcinogens.

## **SECTION 4: FIRST AID MEASURES**

**Skin:** Wash with soap and water.

**Eyes:** Remove contact lenses, and immediately flush eyes with running water for at least 15 minutes. Get medical attention if irritation persists.

**Ingestion:** Do not induce vomiting. Get medical attention.

## **SECTION 5: FIRE FIGHTING MEASURES**

**Flammability:** Non flammable.

**Flash Point:** N/A.

**Extinguishing Media:** Use any means suitable for extinguishing surrounding fire.

**Special Fire Fighting Procedures:** No specific fire or explosion hazard.

**Hazardous Thermal Decomposition Products:** Carbon monoxide, carbon dioxide.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Small Spills:** Wipe with absorbent towel or mop.

**Large spills:** Pump spilled material into containers for reuse or disposal.

## **SECTION 7: HANDLING AND STORAGE**

**Handling:** Avoid contact with eyes or skin. Keep containers closed when not in use.

**Storage:** Store in original containers in cool area.

## **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Respiratory Protection:** None if ventilation is adequate.

**Skin and Eye Protection:** Safety glasses recommended. If prolonged or repeated skin contact is necessary, gloves or other protection may be required.

**Wash hands** before eating or drinking.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Aqueous solution.

**pH:** ± 4.5

**Appearance:** Colorless liquid.

**Odor:** Odorless

**Vapor Pressure:** N/A

**Solubility in Water:** Yes

## **SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable.

**Incompatibility:** Not Available.

**Hazardous Decomposition Products:** Under normal storage and use conditions hazardous decomposition products should not be produced.

**Hazardous Polymerization:** Will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Carcinogenity:** Ingredients in this product are not listed as carcinogens or teratogens.

**SECTION 12: ECOLOGICAL INFORMATION**

Do not empty into drains. Do not contaminate water or intertidal areas below mean high water mark.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Recycle if possible. Ensure any waste disposal waste is in compliance with federal, provincial or state, and municipal environmental regulations.

**SECTION 14: TRANSPORT INFORMATION**

**TDG (Canada) Shipping Name:** Not Regulated  
**Hazard Class:** N/A

**DOT (U.S.) Shipping Name:** Not Regulated  
**DOT Hazard Class:** N/A  
**DOT Reportable Quantity (RQ):** None

**Placard:** None

**SECTION 15: REGULATORY INFORMATION**

**TSCA:** N/A  
**WHMIS Classification:** Not subject to control under WHMIS.  
**SERA :** N/A

**SECTION 16: ADDITIONAL INFORMATION**

The information contained herein is furnished without warranty of any kind. Users should consider these data only as supplement to other information gathered by them and must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

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