



# MATERIAL SAFETY DATA SHEET

## High Output Garden™ GROW 2.5 - 1 - 6.5

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

**Fertilizer Formula:** 2.5 – 1 – 6.5

**Application:** Hydroponic plant nutrient.

**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

**Ultimate Grow B™** is a mixture of nitrates and inorganic minerals in aqueous solution mixed in proportions to promote healthy plant growth in hydroponic systems.

Hazardous Ingredients	CAS number
Ammonium Nitrate	6484-52-2
Magnesium Nitrate	13446-18-9

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

### 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:** Harmful if swallowed.

**Inhalation:** Overexposure by inhalation may cause respiratory irritation.

**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:** Some of the ingredients may aid combustion

**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:** Nitrogen oxides, sulfur oxides, phosphorus oxides, metal oxides.

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

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

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

Avoid runoff and contact with water bodies, sewers, and drains.

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

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

**Storage:** Store in original containers, away from oxidizing materials and acids.

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

**Respiratory Protection:** Avoid breathing mist. Process enclosures and local exhaust ventilation may be necessary if large quantities are handled to avoid accumulation of air contaminants associated with this product.

**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:** ± 3.5

**Appearance:** Green liquid.

**Odor:** Odorless

**Vapor Pressure:** N/A

**Solubility in Water:** Yes

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

**Stability:** Stable.

**Incompatibility:** Reactive or incompatible with oxidizing materials, reducing materials, alkalis, and acids.

**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**

**Ingestion:** No data available.

**Carcinogenicity:** Not listed as carcinogen or teratogen.

## **SECTION 12: ECOLOGICAL INFORMATION**

Do not contaminate water or intertidal areas below mean high water mark. Will promote algae growth which reduces water quality and is detrimental to some species.

## **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**

**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.