



# MATERIAL SAFETY DATA SHEET

## RED SUN™ 0-39-25

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### SECTION 1: CHEMICAL PRODUCT AND MATERIAL IDENTIFICATION

**Product Name:** Red Sun

**Fertilizer Formula:** 0-39-25

**Application:** Soluble Fertilizer

**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

**Red Sun™** is a mixture of phosphates and other fertilizer chemicals mixed in proportions to promote flowering.

There are no 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:** No unusual fire or spill hazard. Dust may be irritating to skin, eyes, mucous membranes.

**Potential Adverse Health Effects:**

**Eyes:** May cause eye irritation.

**Skin:** May irritate the skin.

**Inhalation:** Dust from this product may cause irritation to respiratory track.

**Carcinogenicity:** None of the ingredients are listed as 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 flush with water. Get medical attention if irritation persists.

**Inhalation:** If exposed to excessive levels of dust remove victim to fresh air. Seek medical attention if coughing or other symptoms persist.

**Ingestion:** Get medical attention.

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

**Flammability:** N/A

**Flash Point:** N/A.

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

**Special Fire Fighting Procedures:** Avoid breathing smoke or mist. Wear full protective clothing, positive pressure self contained breathing apparatus. Prevent runoff entering drains, sewers or water courses.

**Unusual Fire and Explosion Hazards:** None known.

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

**Small spills:** Clean by gently sweeping into a dust pan, or collect with a vacuum cleaner.

**Large spills:** Shovel into containers for disposal or recycling and wipe residue.

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

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

**Storage:** Store in a cool dry place.

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

**Ventilation:** 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**

**Appearance:** Red powder.

**Boiling Point:** N/A

**Vapor Pressure:** N/A

**Melting Point:** N/A

**Solubility in Water:** Yes

**Evaporation Rate:** N/A

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

**Stability:** Stable.

**Incompatibility:** Bases, oxidizers, chlorine, hypochlorates.

**Decomposition Products:** Potassium oxides, Phosphorus oxides.

**Hazardous Polymerization:** Will not occur.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **Principal Routes of Exposure:**

**Skin Contact:** May irritate skin.

**Eye Contact:** May cause irritation.

**Inhalation:** N/A

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

## **SECTION 12: ECOLOGICAL INFORMATION**

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

## **SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose waste in accordance with federal, provincial or state, and municipal environmental regulations.

## **SECTION 14: TRANSPORT INFORMATION**

### **TDG (Canada):**

**TDG Shipping Name:** Not Regulated

**Hazard Class:** N/A

**UN Number:** N/A

**Packing Group:** N/A

### **DOT (U.S.):**

**DOT Shipping Name:** Not Regulated

**DOT Hazard Class:** N/A

**DOT UN Number:** N/A

**DOT Packing Group:** N/A

**DOT Reportable Quantity (RQ):** None

**Placard:** None

## **SECTION 14: REGULATORY INFORMATION**

**WHMIS Classification:** DB2 (eye, skin & respiratory irritant)

**SERA :** N/A

**TSCA :** Exempt

## **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.

**Revised: December, 2012**