



# MATERIAL SAFETY DATA SHEET

## JET FUEL™ 1-5-4

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Jet Fuel™

**Chemical Family:** A mixture of plant nutrition materials in aqueous solution.

**Fertilizer Formula:** 1-5-4

**Product Use:** Soil and Hydroponic plant nutrition supplement.

**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

**Ingredients:** Jet Fuel™ is a mixture of plant nutrition materials in aqueous solution mixed in proportions to assist plant nutrition. The chemical identity of the compounds and exact proportions used in the mixture are a proprietary trade secret, however, they are derived from potassium nitrate, potassium phosphates, magnesium phosphate, magnesium sulfate, and vitamins.

**Exposure Limits:** Some of the chemicals used in Jet Fuel,™ when inhaled in powder form, are known to be irritants of the upper respiratory tract. As long as these chemicals remain in aqueous solution and do not become aerosolized, they are not an inhalation hazard.

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\*\*\*

Jet Fuel™ is an amber/brown colored liquid. This product is of low toxicity, but could cause skin and eye irritation upon contact. It is also expected to be a low ingestion hazard. For eye contact, remove contact lenses, and immediately flush eyes with running water for at least 15 minutes.

## Potential Health Effects

**Primary Entry Routes:** Ingestion, skin and eye contact.

**Ingestion:** Low ingestion hazard.

**Eye:** Can cause irritation.

**Skin:** Can cause irritation.

**Inhalation:** Not considered an inhalation hazard.

**Carcinogenicity:** IARC, NTP, and OSHA do not list as a carcinogen.

**Medical Conditions Aggravated by Long- Term Exposure:** Unknown.

**Other:** Not known.

## SECTION 4: FIRST AID MEASURES

**Ingestion:** Do not induce vomiting. If swallowed, give several glasses of water to drink to dilute product. Seek medical attention.

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

**Skin Contact:** Wash exposed area with soap and water.

## SECTION 5: FIRE FIGHTING MEASURES

**Flash Point:** Unknown.

**Auto-ignition Temperature:** Unknown.

**LEL:** Unknown.

**Flammability Classification:** Not flammable.

**Burning Rate:** Not Combustible.

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

**Hazardous Combustion Products:** Can decompose explosively in a fire.

**Fire Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full-face piece.

## 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**

### **SECTION 8. Exposure Controls / Personal Protection**

**Respiratory Protection:** Avoid breathing mist. Process enclosures, approved respirators, 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.

**Density:**  $\pm 1.14$

**pH:**  $\pm 3.0$

**Appearance and Odor:** Amber/brown liquid with slight sweetish odor.

**Odor Threshold Range:** Unknown.

**Vapor Pressure:** Unknown.

**Water Solubility:** Soluble.

**Other Solubilities:** Unknown.

**Viscosity:** Unknown.

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

**Stability:** Stable at room temperature in closed containers, under normal storage and handling conditions.

**Polymerization:** Hazardous polymerization does not occur.

**Chemical Incompatibilities:** Not known.

**Conditions to Avoid:** Mixture with combustible materials, high temperatures.

**Hazardous Decomposition Products:** At extreme temperatures, carbon monoxide and nitrogen oxides may form.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

**Not believed to be toxic.**

**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.

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