

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

# MATERIAL SAFETY DATA SHEET

## SECTION I

Manufactured for  
**Organnabis LTD.**

Emergency Telephone No.  
**720-372-0513**

ADDRESS (Number, Street, City, State, and Zip Code)  
PO Box **267 Denver, CO 80201**

CHEMICAL NAME AND SYNONYMS

TRADE NAMES AND SYNONYMS  
**PHLOURISH FOLIAR BASED FERTILIZER**

HAZARD RATING – 4 Extreme – 3 High – 2 Moderate –1 Slight –0 Insignificant  
HEALTH 0      FIRE 0      REACTIVITY 0      PRODUCT # PFBF

## SECTION II – HAZARDOUS INGREDIENTS

INGREDIENT (CAS #)	OSHA PEL (PPM)	ACGIH TLV (PPM)	OTHER
<b>N/E</b>			

NE = NOT ESTABLISHED

NL = NOT LISTED

(C) = IDENTIFIED AS A CARCINOGEN BY OSHA, IARC OR NTP.

## SECTION III – PHYSICAL DATA

BOILING POINT (F)	<b>&gt;212°F</b>	SPECIFIC GRAVITY (H2O=1)	<b>1.02</b>
VAPOR PRESSURE (mm Hg.)	Not Determined	PERCENT, VOLATILE BY VOLUME @110c	
VAPOR DENSITY (AIR=1)	Heavier than Air	EVAPORATION RATE	Slower than ethyl ether
SOLUBILITY IN WATER	COMPLETE SOLUBLE		
APPEARANCE AND ODOR	Light, medicinal citrus		

## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	<b>&gt;212°F</b>	FLAMMABLE LIMITS	<b>N/E</b>	Lei	<b>N/E</b>	Uei	<b>N/E</b>
EXTINGUISHING MEDIA	Dry Chemical, Alcohol Resistant Foam or Water Spray/Fog						
SPECIAL FIRE FIGHTING PROCEDURES	Self-contained Positive Pressure Breathing Apparatus and Protective Clothing Should Be Worn in Fighting Fire Involving Chemicals						
UNUSUAL FIRE AND EXPLOSION HAZARDS	None Known						

## SECTION V – REACTIVITY DATA

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur
INCOMPATIBILITY (MATERIALS TO AVOID)	Strong Oxidizing Agents Strong Acids
HAZARDOUS DECOMPOSITION PRODUCTS	N/A

## SECTION VI – HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE / EMERGENCY AND FIRST AID PROCEDURES

**EYES:** Contact with eyes is irritating.  
Flush eyes immediately with plenty of water for at least 15 minutes.

**SKIN:** Prolonged or repeated contact with skin may cause irritation. Wash skin off with water.  
Remove clothing and clean before reuse.

**INHALATION:** Mist caused by manufacturing operations irritates nasal passages.  
If vapors or mist causes irritation or distress, go to fresh air.

**INGESTION:** If swallowed consult a physician.

**CHRONIC EFFECTS AND MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:**  
Chronic effects and medical conditions aggravated by overexposure to this product have not been established. Unnecessary exposure to this product or any chemical should be avoided. If any symptoms persist, consult a physician.

**CARCINOGEN:** OSHA, NTP, ACGIH, OR THE IARC DOES NOT CONSIDER THIS PRODUCT A CARCINOGEN

### **SECTION VII – SPILLS, LEAKS, AND DISPOSAL, PROCEDURES**

Contain all spills and leaks. Scrape up and dispose of in an approved location and wash area with water.  
Dispose of in accordance with all local, state, and federal regulations.

### **SECTION VIII – PROTECTIVE MEASURES**

**EYE PROTECTION:** Goggles  
**PROTECTIVE GLOVES:** Rubber  
**VENTILATION:** Use ventilation adequate to keep hazardous ingredients below TLV  
(See Section II)  
**OTHER:** Wear chemical resistant footwear and protective clothing to prevent over exposure.

### **SECTION IX – SPECIAL PRECAUTIONS**

#### **STORAGE AND HANDLING**

Store in cool, dry well ventilated area. Avoid open flames, fire and sparks.  
Other Precautions: If ingested, contact a Physician.

THE INFORMATION IN THIS MSDS WAS OBTAINED FROM CURRENT AND RELIABLE SOURCES. HOWEVER, THE DATA IS PROVIDED WITHOUT ANY WARRANTY EXPRESSED OR IMPLIED REGARDING ITS CORRECTNESS OR ACCURACY. SINCE CONDITIONS FOR STORAGE, HANDLING, USE AND DISPOSAL ARE BEYOND THE MANUFACTURER'S CONTROL, IT IS THE RESPONSIBILITY OF THE USER BOTH TO DETERMINE SAFE CONDITIONS FOR USE OF THIS PRODUCT AND TO ASSUME LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF THE IMPROPER USE OF THIS PRODUCT. IN ACCORDANCE WITH SECTION (I) FEDERAL REGISTER VOL. 48 No. 228 NOV.25, 1983, RULES AND REGULATIONS, THIS PRODUCT IS A PROPRIETARY BLEND AND A TRADE SECRET. A MORE COMPLETE DISCLOSURE WILL BE PROVIDED TO A PHYSICIAN IN THE EVENT OF A MEDICAL EMERGENCY.

# SAFETY DATA SHEET

## FINISHED PRODUCT

### **SECTION 1 - PRODUCT & COMPANY IDENTIFICATION**

PRODUCT NAME: **PHLOURISH FOLIAR BASED FERTILIZER**  
MSDS NUMBER: 1602203  
COMPANY ADDRESS: Organnabis LTD  
PO BOX 267 Denver, CO 80201

PHONE #:	720-372-0513
EMERGENCY #:	720-372-0513
POISON CONTROL #:	800-222-1222 (24 Hours)
CHEMTREC #:	800-424-9300 (24 Hours, Transportation Emergencies)

All written inquiries should be sent to: Organnabis LTD

### **SECTION 2 – HAZARDS IDENTIFICATION**

EXPOSURE EFFECTS: This product is safe for consumers when used according to the label directions. Like many consumer products, a small number of individuals may experience reactions such as redness, rash and/or swelling upon prolonged or repeated skin contact or eye contact.

HAZARD RATINGS: Health: 0, Fire: 0, Physical Hazards: 0  
Ratings are based on a 0-4 scale, with 0 representing minimal and 4 representing significant hazards or risks.

### **SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients as defined by 29 CFR § 1910.1200:  
The product(s) does not contain ingredients considered hazardous as defined by OSHA, 29CFR 1910.1200 and or WHMIS

CHEMICAL NAME	CAS NUMBER	% RANGE
Not Established		

### **SECTION 4 – FIRST AID MEASURES**

EYE CONTACT: Rinse thoroughly with water for 15 minutes. Consult physician.  
SKIN CONTACT: Rinse with water. Remove and wash contaminated clothing.  
INGESTION: Do not induce vomiting. Rinse mouth out with water. Consult physician.  
INHALATION: Move individual to fresh air. Give oxygen if having trouble breathing.  
NOTE: If symptoms persist, seek medical attention.

### **SECTION 5 – FIRE FIGHTING MEASURES**

HAZARD CLASSIFICATION:	Not Flammable
FLASHPOINT:	Not Established
EXTINGUISHING MEDIA:	Water mist, carbon dioxide, foams or dry chemicals
SPECIAL FIREFIGHTING PROCEDURES:	Use water spray or fog, direct stream may produce foam
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon, nitrogen, hydrocarbons & derivatives
CONTENTS UNDER PRESSURE:	No
EXPLOSIVE:	No

## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

SPILLS, LEAKS: Small or household quantities may be cleaned up and disposed of in normal household trash. For large (industrial) releases, prevent spill from entering a waterway. Material may be slippery if spilled.

## **SECTION 7 – HANDLING AND STORAGE**

HANDLING PRECAUTIONS: No special precautions necessary  
STORAGE REQUIREMENTS: Store in a dry area at normal temperatures

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

CHEMICAL NAME	CAS NUMBER	ACGIH TLV	OSHA PEL
None Established			

### PERSONAL PROTECTION

FOR ROUTINE CONSUMER USE: Same as industrial activities below  
FOR INDUSTRIAL ACTIVITIES: Use protective eyewear, gloves, clothing and general ventilation

## **SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES**

FORM:	Liquid	COLOR:	Light Straw
ODOR:	Pleasant/Characteristic	SOLUBILITY:	Soluble in water
SPECIFIC GRAVITY:	1.02	VAPOR PRESSURE:	Not Available
MELTING POINT:	Not Available	VISCOSITY:	Not Available
pH:	6.0 – 8.0	EVAPORATION RATE:	Not Available
PERCENT VOLATILE:	Not Available	PERCENT VOC:	Not Available

## **SECTION 10 – STABILITY & REACTIVITY**

STABLE: Yes  
HAZARDOUS DECOMPOSITION PRODUCTS: None known  
INCOMPATIBLE WITH: Strong Oxidizers, acids or bases  
SPECIAL CONDITIONS TO AVOID: Extreme heat  
CORROSIVE TO STEEL, ALUMINUM: No

## **SECTION 11 – TOXICOLOGY INFORMATION**

### ACUTE EFFECTS

EYE CONTACT: May cause redness or irritation  
SKIN CONTACT: Overexposure may cause a skin reaction such as redness  
INGESTION: May cause nausea, vomiting and diarrhea.  
RESPIRATORY: Not an expected route of exposure

CHRONIC EFFECTS: None expected

### CARCINOGEN CLASSIFICATIONS

NTP: None  
IARC: None  
OSHA: None

## **SECTION 12 – ECOLOGICAL INFORMATION**

This product is safe for the environment at the concentrations predicted under normal use conditions.

## **SECTION 13 – DISPOSAL CONSIDERATIONS**

RCRA: Non-hazardous waste pursuant to federal standards. Does not meet the federal characteristic definition of ignitable, corrosive, reactive or toxic. Not listed in 40 CFR § 261.33.  
Disposal should be in accordance with all applicable local, state and federal regulations.

## **SECTION 14 – TRANSPORTATION INFORMATION**

FOR NON-BULK SHIPMENTS ONLY	LAND (US DOT)	AIR (IATA/ICAO)	WATER (IMO/IMDG)
PROPER SHIPPING NAME:	Not applicable	Not applicable	Not applicable
HAZARD CLASS:	"	"	"
UN/ID#:	"	"	"
PACKING GROUP:	"	"	"
LABEL REQUIRED:	"	"	"

EMERGENCY GUIDE NUMBER: Not applicable  
DOT HAZARDOUS SUBSTANCE RQ: None/no reportable quantities  
DOT MARINE POLLUTANTS: None/no reportable quantities  
IATA FORBIDDEN SUBSTANCES: None/no reportable quantities

## **SECTION 15 – REGULATORY INFORMATION**

TSCA: All components of this product comply with TSCA inventory listing requirements  
RCRA: See Section 13, Disposal Considerations  
CAA HAPS or Ozone Depletors: None/no reportable quantities  
CERCLA/SARA 302 Hazardous Substances: None/no reportable quantities  
CERCLA/SARA 311/312 Hazardous Categories: None/no reportable quantities  
CERCLA/SARA 313 Emissions Reporting: None/no reportable quantities  
CA 22 CCR Hazardous Wastes: None/no reportable quantities  
CA Proposition 65 Listed Chemicals: None/no reportable quantities  
IL, MA, NJ, PA, RI State RTK & Hazardous Notifications: None/no reportable quantities  
CANADIAN DSL/NDSL: All components comply with registration requirements

## **SECTION 16 – OTHER INFORMATION**

**DISCLAIMER:** The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty expressed or implied regarding its correctness or accuracy. Since conditions for storage, handling, use and disposal are beyond the manufacturer's control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume liability for loss, damage or expense arising out of the improper use of this product. In accordance with section (I) Federal Register Vol. 48 No. 228 Nov. 25, 1983, rules and regulations, this product is a proprietary blend and a trade secret. A more complete disclosure will be provided to a physician in the event of a medical emergency.