



## Section 1: Identification

### 1.1 Product identifier:

Organomex 3-1-8

Other means of Identification: Not available

### 1.2 Recommended use:

Identified uses:

Agricultural uses. Organic foliar fertilizer.

Restrictions on use:

None known. Read the label before using.

### 1.3 Supplier:

OMEX Agriculture Inc. 290 Agri Park Road Oak Bluff, MB, Canada

R4G 0A5

Web address: <u>www.omexcanada.com</u>

(204) 477-4052

### 1.4 Emergency telephone number (24-hour):

Poison Control Center: Call 911 or the regional Poison Control Center

Canadian Association of Poison Control Centers, provincial telephone numbers at: www.capcc.ca

## Section 2: Hazard Identification

### 2.1 Classification:

Not classified under any hazard class.

## 2.2 Label elements:

Not classified

#### 2.3 Other hazards:

May cause mild eye irritation and slight skin irritation.

# Section 3: Composition / Information on Ingredients

<u>Chemical Name</u>	CAS No.	<u>Wt.%</u>
Organic fertilizer from plant extracts	Not available	Not available
Natural plant source Potassium sulfate from Kali Vinasse	7778-80-5	Not available

# **Section 4: First-Aid Measures**

# 4.1 Description of first-aid measures:

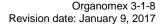
**Inhalation:** If symptoms develop move victim to fresh air and keep comfortable for breathing. Get medical attention if you feel unwell.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. If irritation persists, get medical attention.

**Skin Contact:** Rinse skin with plenty of water. If irritation persists, get medical attention.

**Ingestion:** If exposed or concerned, call a POISON CENTER or doctor for treatment advice. Do not induce vomiting unless directed to do so by the poison center or doctor.

Canadian Poison Control Centers telephone numbers are available at: www.capcc.ca/en/content/provincial-centres





#### 4.2 Most important symptoms and effects, acute and delayed:

**Inhalation:** Breathing fertilizer spray or mist may cause nose and throat irritation.

**Eye Contact:** Contact with the liquid or spray may cause mild eye irritation. Symptoms of irritation include redness, tears and mild discomfort.

**Skin Contact:** Prolonged contact with the liquid may cause mild irritation.

**Ingestion:** Low acute toxicity by the oral route.

#### 4.3 Indication of any immediate medical attention and special treatment needed:

Not available

### 4.4 Medical Conditions Aggravated by Exposure:

Not available

# **Section 5: Fire-fighting Measures**

## 5.1 Extinguishing media:

Use extinguishing media appropriate for the surrounding fire (water spray, appropriate foam, dry chemical or carbon dioxide).

Unsuitable extinguishing media: None known.

#### 5.2 Special hazards arising from the product:

Not flammable or combustible.

Product may burn if all of the water has evaporated or boiled away. Products of combustion may include toxic carbon monoxide and oxides of nitrogen, phosphorus and potassium.

#### 5.3 Special protective equipment and precautions for fire-fighters:

Firefighters should wear full protective gear including self-contained breathing apparatus when fighting chemical fires. Any water runoff should be minimized and contained.

## **Section 6: Accidental Release Measures**

## **6.1** Personal precautions, protective equipment and emergency procedures:

Wear protective gloves, clothing, boots and eye protection.

Stop the spill if safe to do so. Restrict access to the spill area.

### 6.2 Environmental precautions:

Prevent releases from going into drains, sewers and other waterways.

## 6.3 Methods and material for containment and cleaning up:

Collect the spilled liquid by pumping or using a suitable inert absorbent (e.g. sand, earth or other commercial absorbent product). Collect spilled material and contaminated absorbents and place in an appropriate container for reclamation or disposal. Clean the spill area with water.

# **Section 7: Handling and Storage**

### 7.1 Precautions for safe handling:

Read the label before using.

Avoid contact with eyes.

Avoid breathing spray.

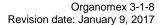
Wash hands after handling.

### 7.2 Conditions for safe storage:

Store in the original container and provide adequate protection from weather. Protect from freezing.

Keep storage containers closed when not in use and when empty.

Do not contaminate water, food or feed by storage or disposal.





# Section 8: Exposure Controls / Personal Protection

## 8.1 Control parameters:

Ingredient	ACGIH® TLV®	OSHA PEL
Plant extracts	None known	None known

#### 8.2 Exposure controls:

Engineering controls: General ventilation is normally adequate.

### 8.3 Individual protection measures:

Eye/Face protection: Wear safety glasses or goggles.

**Skin protection:** Wear protective gloves.

**Respiratory protection:** In workplaces where airborne spray or mist concentrations cause respiratory tract irritation or eye irritation is experienced, use a combination of engineering controls (e.g. ventilation) and personal protection (e.g. wear an approved respirator).

Other protection: Workplaces should have a hand-wash station and eye-wash fountain readily available.

Section 9: Physical and Chemical Properties			
9.1 Information on basic physical and chemical properties:			
Appearance:	Liquid. Brown.		
Odour:	Faint starchy.		
Odour threshold:	Not available		
pH:	5 - 7		
Melting point/freezing point:	Not available		
Initial boiling point and boiling range:	Not available		
Flash point:	Not applicable, Not flammable.		
Flammability (solid, gas):	Not flammable		
Upper/lower flammability or explosive limits:	Not applicable		
Evaporation rate:	Not available		
Vapour pressure:	Not available		
Vapour density:	Not available		
Relative density:	1.28 – 1.34 (water=1)		
Solubility (ies):	Soluble in water		
Partition coefficient (n-octanol/water):	Not available		
Auto-ignition temperature:	Not applicable		
Decomposition temperature:	Not available		
Viscosity:	Not available		

# **Section 10: Stability and Reactivity**

# 10.1 Reactivity:

Not reactive

## 10.2 Chemical stability:

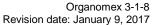
Stable at normal ambient and anticipated storage and handling conditions of temperature and pressure.

#### 10.3 Possibility of hazardous reactions:

None known.

#### 10.4 Conditions to avoid:

Avoid prolonged exposure to high temperatures.





#### 10.5 Incompatible materials:

Use caution when mixing this product with other agricultural chemicals. Some chemicals may be incompatible. Contact OMEX Agriculture Inc. for further information

### 10.6 Hazardous decomposition products:

Not available

# **Section 11: Toxicological Information**

## 11.1 Information on toxicological effects:

## Likely routes of exposure

Inhalation; Ingestion; Skin contact; Eye contact.

#### Acute toxicity

**Inhalation:** Low acute toxicity by the inhalation route.

**Ingestion:** Low acute toxicity by the oral route.

**Skin:** Low acute toxicity by the dermal route.

#### Acute toxicity data:

<u>Chemical Name</u>	<u>LD<sub>50</sub> Oral</u>	<u>LD<sub>50</sub> Dermal</u>	<u>LC<sub>so</sub> Inhalation</u> <u>4-hour exposure</u>
Potassium sulfate	6600 mg/kg (rat)	Not available	Not available

### Skin corrosion / irritation

Data not available.

### Serious eye damage / irritation

Data not available.

### STOT (Specific Target Organ Toxicity) - Single exposure

Data not available.

## STOT (Specific Target Organ Toxicity) – Repeated exposure

Data not available

## **Aspiration hazard**

Does not meet criteria for classification for aspiration toxicity.

### Sensitization - respiratory and/or skin

Data not available.

### Carcinogenicity

This mixture does not contain any component that is considered a human carcinogen by IARC (International Agency for Research on Cancer), ACGIH (American Conference of Governmental Industrial Hygienists, OSHA (Occupational Safety and Health Administration) or NTP (National Toxicology Program).

## Reproductive toxicity

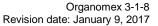
Data not available

## Germ cell mutagenicity

Data not available

#### Interactive effects

Data not available





# **Section 12: Ecological Information**

## 12.1 Toxicity:

No ecotoxicity effects are expected.

Product will release plant nutrients in aquatic environments. Plant nutrients cause algae growth which may increase turbidity and deplete oxygen resulting in a hazard to fish and other aquatic organisms.

#### 12.2 Persistence and degradability:

Inherently bio-degradable.

#### 12.3 Bioaccumulative potential:

Not applicable

#### 12.4 Mobility in soil:

Data not available

# **Section 13: Disposal Considerations**

### 13.1 Disposal methods:

Discard the empty container in household garbage. If product is contaminated, dispose of in an approved landfill disposal facility, in accordance with municipal or provincial regulations where they apply. Contact local authorities for disposal of large quantities of product.

Do not contaminate water when disposing of rinsate or equipment washwaters. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

# **Section 14: Transport Information**

## 14.1 Canada Transportation of Dangerous Goods (TDG) Regulations:

Not regulated

## **Section 15: Regulatory Information**

## 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

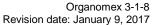
### Canada

WHMIS 2015 classification: Not classified in any WHMIS hazard class.

NSNR status: All ingredients are listed on the DSL or are not required to be listed.

USA

TSCA status: All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements.





## Section 16: Other Information

**Revision date:** 

January 9, 2017

#### References and sources for data:

**CCOHS Cheminfo** 

**HSDB** 

**NIOSH Pocket Guide** 

### Legend to abbreviations:

ACGIH - American Conference of Governmental Industrial Hygienists

LD<sub>50</sub>- Median lethal dose; the dose causing 50 % lethality

OSHA - Occupational Safety and Health Administration

TLV - Threshold Limit Value

WHMIS – Workplace Hazardous Materials Information System.

#### Additional information:

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