2022-04-02

FERTI LAB
Engrais liquide | Liquid Fertilizer

Chemical Product and Company Identification

Safety Data sheet

section 1

Ferti-lab A

Nme of product : **Ferti-lab A** **Granulométrie :** **Liquide** **Numéro de CAS:** N/A
Product use for : Fertiliser

Date of first issue:; 4 faburary 2022 **Revision date:;** 2022 to come

Manufacturier : Ferti-lab et sous contractant 950, chemin Quartier AugerRoxton Falls, QC, J0H1E0

Author : Eric Gagnon

In case of emergency: **CANUTEC: 613-996-6666**
ou Eric Gagnon 450-525-4845

Section 2

Hazards identification

according to the Hazardous productsregulation (SOR/2015-17)

Oral tox 4	H302
Skin Irrit. 2	H315
Eye5 Irrit. 2	H319
Resp tract irrit 3	H33

Hazard statementH302 Nocif en cas d'ingestion **|** Harmful if swallowed
Causes skin irritation
Causes serious eye irritation
Causes respiratory tract irritation
Precautionary statement
Do not breathe vapours / airborne
Wash hands thoroughly after handling.

Safety Data sheet

section 3

FERTI LAB
Engrais liquide | Liquid Fertilizer

Composition and information on ingredients

Nom chimique / Chemical name	Numéro CAS	Concentration %
Nitrate Calcium / Calcium Nitrate	Not available	15% - 22%
Nitrate Magnésium / Magnesium Nitrate	Not available	0.5% - 5%
Eau / Water	Not available	68% - 84%
Nitrate potassium / Potassium Nitrate	Not available	0.5% - 5%

Section 4

First Aid measures following ingredients

-Bring subject to a well ventilated area.
- If breathing is difficult, give oxygen. Contact aphysician if symptoms persist .

- First Aid measures following skin contact; SkinWash with plenty of water.

-First Aid measures following eye contact; Flush eyes with large quantities of running water for a minimum of 15 minutes. Remove contact lenses. Rinse the entire surface of theeye and lid with water. Call a physician if eye irritation occurs.

-First Aid measures following ingestion; Harmful if swallowed. Seek medical care. Induce vomiting, but only if the victim is fully conscious

Most important symptoms and effects, both acute and;

Inhalation Respiratory tract irritation

Skin contact Causes mild skin irritation

Eye contact Causes serious eye damage

Ingestion Harmful if swallowed.

Section 5

FIRE FIGHTING MESURE

Suitable (and unsuitable) extinguishing media ;
Use extinguishing agent suitable for type of surrounding fire. Avoid excessive water to minimize runoff. Prevent firefighter water from entering the environment. Use : Water spray, foam, dry chemical or CO2

Unsuitable media: Not applicable

Accident release mesure

Section 6

*Personal precautions, protective equipment and **emergency procedures**;* Ensure adequate ventilation. Ensure that air-handlingsystems are operational.

Environmental precautions ; Prevent from reaching drains, sewer, or waterway**.**

Methods and material for containment and cleaning up; Wear appropriate personal protective equipment for cleanup. Reclaim as much product as possible to avoidfurther contamination.

Handling and storage

Handle with care. Wear appropriate personal protectiveequipment for cleanup. Reclaim as much product as possible to avoid further contamination.

Conditions for safe storage, including anyincompatibilities;
Store in a cool location. Keep away from food and beverages.
Protect from freezing and physical damage.Keep container tightly sealed.
Store away from incompatible materials.

Exposure controls and personal protection

section 8

8.1 **ACGIH_Valeurs limites d'exposition (8H, VLE) / ACGIH_Threshold limit value (TLV)**

There no limit value for all ingredients in this products recommended by ACGIH. ACGIH TLV® ;None

8.2 **OSHA-Valeur d'exposition permise (8H, VEP) / OSHA-Permissible exposure limit (8H, PEL)**

There no limit value for all ingredients in this products recommended by OSHA. OSHA PEL : Aucune / None

8.3 **Personal protection ; When necessary, use NIOSH approved breathing** equipment. Select glove material impermeable and resistant to the substance.
Wear equipment for eye protection tested and approvedby local regulatory agency

Physical and chemicals properties

section 9

-Liquid color ; clear - no odour - Flammability; Not flammable

-Liquid density 1.18 kg/litre

Stability and reactivity

section 10

Réactivité; **S**table and normal storage and handling condition
Chemical stability ; Stable under recommended handling and storageconditions.
Possibility of hazardous reactions ; Hazardous polymerization does not occur
Conditions to avoid ; Extreme temperatures
Incompatible materials ; Strong oxidizing agents, clorur
Hazardous decomposition products ; nitrogen oxides, carbonoxides Cyanuric acid, sulfur oxides**,**

Toxicological information

section 11

Measures of Toxicity ; LD50 (Oral-rat) > 5000 mg/Kg

Ingestion may cause abdominal pain Inhalation Dust is **irritating** to nose, throat and respiratory tract.May cause coughing or sneezing **Skin** corrosion, irritation. **Prolonged and repeated** contact may cause mild irritation. **Eye damage,** eye irritation. **Skin and respiratory sensitization** Not a skin sensitizer; No additional information

Section 12

ECOLOGICAL INFORAMATION

May be harmful to aquatic life. In sufficient quantity may deplete oxygen required by aquatic life. May cause eutrophication of ponds and lakes.

Persistence and degradability ; not available
Bioaccumulation potential ; no accumulation
Mobility in soil ; no data

Others adverse health effects ; May release ammonium ions that are toxic to fish.Un-ionized ammonia concentrations above 0.02 mg/l are considered toxic in freshwater. May release phosphates which will result in algae growth, increased turbidity, and depleted oxygen.At extremely high concentrations, this may be hazardous to fish or other marine organisms.

Release to watercourses may cause effects downstream. Fish 96 hour LC50, OECD Guidelines203 (rainbow trout): >86mg/L.

disposale consideration

section 13

Disposal methods to employ ; Recover or recycle if possible. Properly characterize all waste materials. Consult federal, state/provincial and local regulations regarding the proper disposal of this material. Prevent material from entering sewers, storm drains, other unauthorized treatment drainage systems, and natural waterways. Empty containers should be taken to an approved waste handling site for recycling ordisposal.

Description of appropriate disposal containers to use; No data available

Description of the physical and chemical properties that may affect disposal activities;not available

Any special precautions for landfills orincineration activities;

TRANSPORT INFORMATION ;

Section 14

NOT RÉGULATED

Safety data sheet

Section 15

REGULATORY INFORMATION;

US. Toxic Substances Control Act: No data availableOSHA Hazards: None listed

Clean Air Act: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

Réglementation relative à la sécurité, à la santé et l'environnement

Safety, health, and environmental regulations

NFPA

Classification

Health hazard:1 (Modèrement dangereux/Slightly hazardous)

Fire hazard: 0 (Pas combustible/Will not burn)

Instability hazard: 0 (Stable/Stable)

Specific hazard: Comburant /Oxidizer

Transport

DOT

Comburant / Oxidizer

TMD

Comburant / Oxidizer

WHMIS 2015 Classification

Comburant / Oxidizer

Équipements de protection

|Protective equipment

National and/or regional regulatory information of the chemical or mixtures

2022-04-02

FERTI LAB
Engrais liquide | Liquid Fertilizer

Chemical Product and Company Identification

Safety Data sheet

section 1

Ferti-lab B

Nme of product : **Ferti-lab B** **Granulométrie :** **Liquide** **Numéro de CAS:** N/A
Product use for : Fertiliser

Date of first issue:; 4 faburary 2022 **Revision date:;** 2022 to come

Manufacturier : Ferti-lab et sous contractant 950, chemin Quartier AugerRoxton Falls, QC, J0H1E0

Author : Eric Gagnon

In case of emergency: **CANUTEC: 613-996-6666**
ou Eric Gagnon 450-525-4845

Section 2

Hazards identification

according to the Hazardous productsregulation (SOR/2015-17)

Oral tox 4	H302
Skin Irrit. 2	H315
Eye5 Irrit. 2	H319
Resp tract irrit 3	H33

Hazard statementH302 Nocif en cas d'ingestion **|** Harmful if swallowed
Causes skin irritation
Causes serious eye irritation
Causes respiratory tract irritation
Precautionary statement
Do not breathe vapours / airborne
Wash hands thoroughly after handling.

Safety Data sheet

section 3

FERTI LAB
Engrais liquide | Liquid Fertilizer

Composition and information on ingredients

Nom chimique / Chemical name	Numéro CAS	Concentration %
Eau / Water	Not available	1.5% - 81%
Phosphate mono potassique / mono potassium phosphate	Not available	0.5% - 5%
Sulfate de potassium / Potassium sulphate	Not available	0.5% - 5%
Sulfate de magnésium / magnesium sulphate	Not available	0.5% - 5%
Molybdate sodium / Sodium molybdate	Not available	0% - 1%
Acide Borique / Boric Acid	Not available	0% - 1%
Sulfate zinc chelaté / chelated zinc sulphate	Not available	0% - 1%
Fer chelaté / chelated iron	Not available	0% - 1%
Sulfate Cuivre chelaté / chelated Copper sulfate	Not available	0% - 1%

Section 4

First Aid measures following ingredients

-Bring subject to a well ventilated area.
- If breathing is difficult, give oxygen. Contact aphysician if symptoms persist .

- First Aid measures following skin contact; SkinWash with plenty of water.

-First Aid measures following eye contact; Flush eyes with large quantities of running water for a minimum of 15 minutes. Remove contact lenses. Rinse the entire surface of theeye and lid with water. Call a physician if eye irritation occurs.

-First Aid measures following ingestion; Harmful if swallowed. Seek medical care. Induce vomiting, but only if the victim is fully conscious

Most important symptoms and effects, both acute and;

Inhalation Respiratory tract irritation

Skin contact Causes mild skin irritation

Eye contact Causes serious eye damage

Ingestion Harmful if swallowed.

Section 5

FIRE FIGHTING MESURE

Suitable (and unsuitable) extinguishing media ;
Use extinguishing agent suitable for type of surrounding fire. Avoid excessive water to minimize runoff. Prevent firefighter water from entering the environment. Use : Water spray, foam, dry chemical or CO2

Unsuitable media: Not applicable

Accident release mesure

Section 6

*Personal precautions, protective equipment and **emergency procedures***; Ensure adequate ventilation. Ensure that air-handlingsystems are operational.

Environmental precautions ; Prevent from reaching drains, sewer, or waterway**.**

Methods and material for containment and cleaning up; Wear appropriate personal protective equipment for cleanup. Reclaim as much product as possible to avoidfurther contamination.

Section 7

Handling and storage

Handle with care. Wear appropriate personal protectiveequipment for cleanup. Reclaim as much product as possible to avoid further contamination.

Conditions for safe storage, including anyincompatibilities;
Store in a cool location. Keep away from food and beverages.
Protect from freezing and physical damage.Keep container tightly sealed.
Store away from incompatible materials.

Exposure controls and personal protection

section 8

8.1 **ACGIH_Valeurs limites d'exposition (8H, VLE) / ACGIH_Threshold limit value (TLV)**

There no limit value for all ingredients in this products recommended by ACGIH. ACGIH TLV® ;None

8.2 **OSHA-Valeur d'exposition permise (8H, VEP) / OSHA-Permissible exposure limit (8H, PEL)**

There no limit value for all ingredients in this products recommended by OSHA. OSHA PEL : Aucune / None

8.3 **Personal protection ; When necessary, use NIOSH approved breathing**
equipment. Select glove material impermeable and resistant to the substance.
Wear equipment for eye protection tested and approvedby local regulatory agency

Physical and chemicals properties

section 9

-Liquid color ; blue green - Slight possible ammonia odour - Flammability Not flammable

-Liquid density 1.07 kjg/litres

Stability and reactivity

section 10

Réactivité; **S**table and normal storage and handling condition

Chemical stability ; Stable under recommended handling and storageconditions.
Possibility of hazardous reactions ; Hazardous polymerization does not occur
Conditions to avoid ; Extreme temperatures
Incompatible materials ; Strong oxidizing agents, clorur
Hazardous decomposition products ; nitrogen oxides, carbonoxides Cyanuric acid, sulfur oxides**,**

Toxicological information

section 11

Measures of Toxicity ; LD50 (Oral-rat) > 5000 mg/Kg

Ingestion may cause abdominal pain Inhalation Dust is **irritating** to nose, throat and respiratory tract.May cause coughing or sneezing **Skin** corrosion, irritation. **Prolonged and repeated** contact may cause mild irritation. **Eye damage,** eye irritation. **Skin and respiratory sensitization** Not a skin sensitizer; No additional information

Section 12

ECOLOGICAL INFORAMATION

May be harmful to aquatic life. In sufficient quantity may deplete oxygen required by aquatic life. May cause eutrophication of ponds and lakes.

Persistence and degradability ; not available
Bioaccumulation potential ; no accumulation
Mobility in soil ; no data

Others adverse health effects ; May release ammonium ions that are toxic to fish.Un-ionized ammonia concentrations above 0.02 mg/l are considered toxic in freshwater. May release phosphates which will result in algae growth, increased turbidity, and depleted oxygen.At extremely high concentrations, this may be hazardous to fish or other marine organisms.

Release to watercourses may cause effects downstream. Fish 96 hour LC50, OECD Guidelines203 (rainbow trout): >86mg/L.

disposale consideration

section 13

Disposal methods to employ ; Recover or recycle if possible. Properly characterize all waste materials. Consult federal, state/provincial and local regulations regarding the proper disposal of this material. Prevent material from entering sewers, storm drains, other unauthorized treatment drainage systems, and natural waterways. Empty containers should be taken to an approved waste handling site for recycling ordisposal.

Description of appropriate disposal containers to use; No data available

Description of the physical and chemical properties that may affect disposal activities;not available

Any special precautions for landfills orincineration activities;

TRANSPORT INFORMATION ;

Section 14

NOT RÉGULATED

REGULATORY INFORMATION;

US. Toxic Substances Control Act: No data availableOSHA Hazards: None listed
Clean Air Act: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

Réglementation relative à la sécurité, à la santé et l'environnement

NFPA

Classification

Health hazard:1 (Modèrement dangereux/Slightly hazardous)

Fire hazard: 0 (Pas combustible/Will not burn)
Instability hazard: 0 (Stable/Stable)
Specific hazard: Comburant /Oxidizer

Transport

DOT
Comburant / Oxidizer

TMD
Comburant / Oxidizer

Safety, health, and environmental regulations

WHMIS 2015 Classification

Comburant / Oxidizer

Équipements de protection

|Protective equipment

National and/or regional regulatory information of the chemical or mixtures

2022-04-02

FERTI LAB
Engrais liquide | Liquid Fertilizer

Chemical Product and Company Identification

Safety Data sheet

section 1

Ferti-lab PKBLAST

Nme of product : **Ferti-lab pkblast** **Granulométrie :** **Liquide** **Numéro de CAS:** N/A
Product use for : Fertiliser

Date of first issue:; 4 faburary 2022 **Revision date:;** 2022 to come

Manufacturier : Ferti-lab et sous contractant 950, chemin Quartier AugerRoxton Falls, QC, J0H1E0

Author : Eric Gagnon

In case of emergency: **CANUTEC: 613-996-6666**
ou Eric Gagnon 450-525-4845

Section 2

Hazards identification

according to the Hazardous productsregulation (SOR/2015-17)

Oral tox 4	H302
Skin Irrit. 2	H315
Eye5 Irrit. 2	H319
Resp tract irrit 3	H33

Hazard statementH302 Nocif en cas d'ingestion **|** Harmful if swallowed
Causes skin irritation
Causes serious eye irritation
Causes respiratory tract irritation
Precautionary statement
Do not breathe vapours / airborne
Wash hands thoroughly after handling.

Safety Data sheet

section 3

FERTI LAB

Composition and information on ingredients

Nom chimique / Chemical name	Numéro CAS	Concentration %
Eau / Water	Not available	90%- 99 %
Phosphate mono potassique / mono potassium phosphate	Not available	5% - 10 %
POTTASSIUM HYDROXYD	Not available	5% - 10 %

Section 4

First Aid measures following ingredients

-Bring subject to a well ventilated area.

- If breathing is difficult, give oxygen. Contact aphysician if symptoms persist .

- First Aid measures following skin contact; SkinWash with plenty of water.

-First Aid measures following eye contact; Flush eyes with large quantities of running water for a minimum of 15 minutes. Remove contact lenses. Rinse the entire surface of theeye and lid with water. Call a physician if eye irritation occurs.

-First Aid measures following ingestion; Harmful if swallowed. Seek medical care. Induce vomiting, but only if the victim is fully conscious

Most important symptoms and effects, both acute and;

Inhalation	Respiratory tract irritation
Skin contact	Causes mild skin irritation
Eye contact	Causes serious eye damage
Ingestion	Harmful if swallowed.

Section 5

FIRE FIGHTING MESURE

Suitable (and unsuitable) extinguishing media ;
Use extinguishing agent suitable for type of surrounding fire. Avoid excessive water to minimize runoff. Prevent firefighter water from entering the environment. Use : Water spray, foam, dry chemical or CO2

Unsuitable media: Not applicable

Accident release mesure

Section 6

*Personal precautions, protective equipment and **emergency procedures***; Ensure adequate ventilation. Ensure that air-handlingsystems are operational.

Environmental precautions ; Prevent from reaching drains, sewer, or waterway**.**

Methods and material for containment and cleaning up; Wear appropriate personal protective equipment for cleanup. Reclaim as much product as possible to avoidfurther contamination.

Section 7

FERTI LAB

Handling and storage

Handle with care. Wear appropriate personal protectiveequipment for cleanup. Reclaim as much product as possible to avoid further contamination.

Conditions for safe storage, including anyincompatibilities;
Store in a cool location. Keep away from food and beverages.
Protect from freezing and physical damage.Keep container tightly sealed.
Store away from incompatible materials.

Exposure controls and personal protection

section 8

8.1 **ACGIH_Valeurs limites d'exposition (8H, VLE) / ACGIH_Threshold limit value (TLV)**

There no limit value for all ingredients in this products recommended by ACGIH. ACGIH TLV® ;None

8.2 **OSHA-Valeur d'exposition permise (8H, VEP) / OSHA-Permissible exposure limit (8H, PEL)**

There no limit value for all ingredients in this products recommended by OSHA. OSHA PEL : Aucune / None

8.3 **Personal protection ; When necessary, use NIOSH approved breathing**
equipment. Select glove material impermeable and resistant to the substance.
Wear equipment for eye protection tested and approvedby local regulatory agency

Physical and chemicals properties

section 9

-Liquid color ; RED - Slight possible ammonia odour - Flammability Not flammable

-Liquid density 1.18K/LITRES

Stability and reactivity

section 10

Réactivité; **S**table and normal storage and handling condition
Chemical stability ; Stable under recommended handling and storageconditions.
Possibility of hazardous reactions ; Hazardous polymerization does not occur
Conditions to avoid ; Extreme temperatures
Incompatible materials ; Strong oxidizing agents, clorur
Hazardous decomposition products ; nitrogen oxides, carbonoxides Cyanuric acid, sulfur oxides**,**

Toxicological information

section 11

Measures of Toxicity ; LD50 (Oral-rat) > 5000 mg/Kg

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Section 12

ECOLOGICAL INFORAMATION

May be harmful to aquatic life. In sufficient quantity may deplete oxygen required by aquatic life. May cause eutrophication of ponds and lakes.

Persistence and degradability ; not available
Bioaccumulation potential ; no accumulation
Mobility in soil ; no data

Others adverse health effects ; May release ammonium ions that are toxic to fish.Un-ionized ammonia concentrations above 0.02 mg/l are considered toxic in freshwater. May release phosphates which will result in algae growth, increased turbidity, and depleted oxygen.At extremely high concentrations, this may be hazardous to fish or other marine organisms.

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disposale consideration

section 13

Disposal methods to employ ; Recover or recycle if possible. Properly characterize all waste materials. Consult federal, state/provincial and local regulations regarding the proper disposal of this material. Prevent material from entering sewers, storm drains, other unauthorized treatment drainage systems, and natural waterways. Empty containers should be taken to an approved waste handling site for recycling ordisposal.

Description of appropriate disposal containers to use; No data available

Description of the physical and chemical properties that may affect disposal activities;not available

Any special precautions for landfills orincineration activities;

TRANSPORT INFORMATION ;

Section 14

NOT RÉGULATED

Safety data sheet

Section 15

REGULATORY INFORMATION;

US. Toxic Substances Control Act: No data availableOSHA Hazards: None listed

Clean Air Act: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

Réglementation relative à la sécurité, à la santé et l'environnement

NFPA

Classification

Health hazard:1 (Modèrement dangereux/Slightly hazardous)

Fire hazard: 0 (Pas combustible/Will not burn)

Instability hazard: 0 (Stable/Stable)

Specific hazard: Comburant /Oxidizer

Transport

DOT

Comburant / Oxidizer

TMD

Comburant / Oxidizer

Safety, health, and environmental regulations

WHMIS 2015 Classification

Comburant / Oxidizer

Équipements de protection

|Protective equipment

National and/or regional regulatory information ofthe

chemical or mixtures