

Safety Data Sheet  
 according 1907/2006/EC (REACH), 2015/830/EU

## FinalPart

Date : 01 january 2008

Version No. 4

Review date: 25/02/2020

### 1 SECTION 1: IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/ UNDERTAKING

#### Product identifier

**1.1 Product name:** FINALPART

**1.2 Relevant identified uses of the substance or mixture and uses advised against** **Relevant identified uses of the substance or mixture:**  
 FinalPart is a mixture of mineral salts formulated and mixed in proportions that ensure optimal plant nutrition.

**Uses advised against:**

Any use not specified in this section or in section 7.3

Use Descriptor System (REACH): No data available (not applicable).

**1.3 Details of the supplier of the safety data sheet**

Supplier identification Général Hydroponics Europe  
 Address 4, boulevard du Biopole 32500 FLEURANCE  
 Phone number +33 (0)5 62 06 08 30  
 E-mail address info@eurohydro.com

**1.4 Emergency telephone number**

Medical services/  
 emergency services **15**

Fire and rescue services **18**

Police **17**

**1.4** EU Emergency call line **112**

Toxicological Information Centre **01 45 41 59 59**

ORFILA (INRS)  
 Toxicological Information Centre South West **05 61 77 74 47**

### 2 SECTION 2 : HAZARDS IDENTIFICATION

**2.1 Classification of the substance or mixture**

Reg. 1272/2008/CLP In accordance with Regulation No. 1272/2008 (CLP), the product is not considered dangerous.

Additional information :

Hazards for humans Ingestion of FinalPart may cause gastrointestinal distress with abdominal pain, nausea, vomiting, and diarrhoea. As long as these chemicals remain in aqueous solution, they do not present an inhalation hazard.

Eye contact: May cause eye irritation

Environmental hazards None

Physico-chemical hazards None

Other hazards None

#### Labelling elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

<b>2.2</b>	Hazard pictograms	None
	Signal word	None
	Hazardous substances to be indicated on the label	None
	Hazard statements H:	None
<b>2.3</b>	Precautionary statements P:	P phrases P102 Keep out of reach of children
	<b>Other hazards</b>	

Reg. 1272/2008/CLP None

### 3 SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances** Non applicable

**3.2 Mixtures Name** FINALPART  
FinaPart is a specially formulated blend of chemicals that are mixed in proportions that ensure optimal plant nutrition. The chemical identity of the compounds and the exact proportions used in the mixture are a trade secret; however, they are derived from : Phosphoric acid, mono and bi potassium phosphate, magnesium phosphate, potassium carbonate and magnesium sulphate.

### 4 SECTION 4 : FIRST AID MEASURES

No known incidents of damage to persons who have used this product.

However, in case of doubt or if symptoms persist, seek medical attention. Do not give anything by mouth to an unconscious person. The general measures described below should be adopted:

#### 4.1 Description of first aid measures

Following eye contact Wash immediately with plenty of water, keeping the eyelids well apart, and consult a specialist.

Following skin contact Rinse the irritated area thoroughly with water with soap for at least 15 minutes. Remove contaminated clothing.

Following ingestion Do not induce vomiting. Rinse the mouth with water. If a person has swallowed this product and is conscious, give small amounts of water to drink. Never give anything by mouth to an unconscious person. Seek medical attention by showing the product label if symptoms develop.

Following inhalation If inhaled, move to fresh air, keep the victim warm and in a resting position. In case of breathing difficulties, consult a doctor as soon as possible.

Self-protection of the first aider  
Depending on the first aid setting, wear appropriate protective equipment including a mask or filtered respirator and, if necessary, operate in the presence of another co-worker. Always wear protective gloves and a resuscitation mask in case of artificial respiration. Wash hands thoroughly after giving first aid. If your clothing becomes contaminated with a chemical during first aid procedures, change it.

Other information  
For further details of first aid administration, including but not limited to more serious health effects, the doctor may consult the Toxicological Information Centre, hotline: see section 1.4

**4.2 Most important symptoms and effects, both acute and delayed**  
**Potential acute health effects:**  
No known effect / no data are available.

**Signs/symptoms of overexposure:**  
No specific data.

**4.3 Indication of any immediate medical attention and special treatment needed**  
If decomposition products are inhaled in a fire, symptoms may be delayed.  
The exposed person may need to be placed under medical supervision for 48 hours.

## 5 SECTION 5 : FIREFIGHTING MEASURES

**Extinguishing media**  
The product is not flammable. Fire hazard low due to the flammability characteristics of the product under normal storage, handling and use conditions.

**5.1**  
Suitable extinguishing media:  
In the event of a surrounding fire or continued combustion, caused by improper handling, storage or use, the following extinguishing media may be used: carbon dioxide (CO<sub>2</sub>), foam, chemical powders, and in the event of a widespread fire, also water spray.  
Inappropriate extinguishing media:  
In case of fire, do not use: Water jet

**Special hazards arising from the substance or mixture**  
Hazards due to the substance or mixture:  
Given its flammability characteristics, the product does not present a specific risk of fire or explosion under normal storage, handling and use conditions.

**5.2**  
Risk related to thermal decomposition products:  
A fire in the surrounding area will often produce thick black smoke. Exposure to compositional products may pose health risks. Do not breathe dust, vapours or fumes released by the combustion of the products.  
Decomposition products may include the following materials:  
phosphorus oxide, magnesium oxide, potassium oxide(s) and sulphur oxide(s).  
Fire water contaminated with this product should be confined and prevented from being discharged to a watercourse or sewer.

**Advice for firefighters**  
Protective actions to be taken when fighting fires  
Rapidly isolate the site by evacuating all persons from the area near the incident in case of fire. Do not take any action involving a personal risk or in the absence of adequate training. Keep containers away from fire if it can be done without risk. Use water or water spray to keep containers exposed to fire cool.

**5.3**  
Appropriate protective equipment  
The product is not combustible. In the event of a fire in the surrounding area, appropriate extinguishing media and protective equipment may be used for the other materials present (full protective clothing and personal respiratory equipment), in accordance with EN469 for a basic

**Other information**

level of protection against chemical incidents. Have a minimum of emergency facilities or intervention elements (fire blankets, medicine kit, etc.) in accordance with Directive 89/654/EC. Additional provisions:

5.4

Respond in accordance with the Internal Emergency Plan and the Fact Sheets on Accident and Other Emergency Response. Remove all sources of ignition. In case of fire, refrigerate containers and storage tanks for products that may ignite and explode as a result of high temperatures. Avoid spilling products used to extinguish the fire in the aquatic environment.

**6 SECTION 6 : ACCIDENTAL RELEASE MESURES**

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

For non-emergency personnel

Ensure good ventilation.  
Do not take any action that involves a personal risk or without proper training. Do not allow unnecessary and unprotected persons to enter. Avoid touching or walking on the spilled material. Wear appropriate personal protective equipment (See section 8).

For emergency responders

If needed, responders will be equipped with appropriate personal protective equipment. (See section 8).

**Environmental precautions**



6.2

Avoid contamination of soil, sewers, surface water and groundwater. If this happens, inform the competent authorities.

**Methods and material for containment and cleaning up**

6.3

For containment:

Sewer coverage

For cleaning up:

Mechanically collect the spilled product and remove the remains with water jets. Provide enough ventilation of the spillage area. Contaminated material must be disposed of in accordance with point 13. FinalPart can be disposed of as any other industrial fertilizer.

**Reference to other sections**

6.4

Collect the remains in an identified container: see point 13 for disposal.  
Personal protective equipment: see section 8  
Withdrawal considerations: see section 13.  
See section 1 for emergency contact information.

**7 SECTION 7 : HANDLING AND STORAGE**

**Precautions for safe handling**

7.1

Avoid formation of suspended particles and dispersion of the product in the air. Provide adequate ventilation in areas where suspended particles develop.  
Keep away from flames and sparks. Do not smoke. Keep away from heat and other sources of fire.  
Do not eat, drink or smoke in work areas.  
Wash hands after each use.

**Conditions for safe storage, including any incompatibilities**

7.2

Ensure adequate local ventilation or exhaust.  
Store in a cool, dry place. Keep container tightly closed and upright. Store away from aluminum, ethoxyethyl alcohols, combustible materials, reducing agents and other

incompatible materials.

Close containers before and after each use to avoid sources of moisture or heat, in labelled bottles.

Store in areas with waterproof pavement.

**Specific end use(s)**

No specific end uses.

7.3

Good practices: keep in closed containers. Close containers before and after each use to avoid sources of moisture or heat. Store in areas with waterproof pavement.

## 8 SECTION 8 : EXHIBITION CONTROLS/INDIVIDUAL PROTECTION

### 8.1 Control parameters

Not applicable

8.1 Respect good industrial hygiene practices.

### 8.2 Exposure controls

Appropriate engineering controls

No particular control. Good general ventilation should be sufficient to control workers' exposure to airborne contaminants.

Individual protection measures, such as personal protective equipment

In general, use individual protections placed on the market in accordance with the provisions of Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016.

Personal protective equipment must be adapted to the risk, kept clean and properly maintained in accordance with the provisions of the Labour Code.

Eye/face protection

It is necessary to wear protective glasses in accordance with NF EN166 before handling any chemical products in case of splashes.

Skin protection

Hands: Wear suitable protective gloves in case of prolonged or repeated contact with the product.

Use suitable chemical-resistant protective gloves in accordance with NF EN374.

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved.

Respiratory protection

Ensure adequate ventilation, especially in enclosed areas.

Body protection

Wear appropriate protective clothing.

After contact with the product, all parts of the body that have been in contact with the product must be washed.

Environmental exposure controls

No data available.

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

## 9 SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance

Physical state: All FinalPart compounds are in aqueous solution (liquid)

Color: pink

Odour

None

pH

3.7

Melting point

Not applicable

Freezing point

Not determined

Initial boiling point and boiling range

Not determined

Flash point

Not applicable

Evaporation rate

Not determined

Flammability (solid, gas)

Non inflammable

Upper/lower flammability or explosive limits	Not applicable
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	1.19
Solubility(ies) 20°C	Entirely Soluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined
Refraction index	Not determined
Rotary power	Not determined

## 10 SECTION 10 : STABILITY AND REACTIVITY

<b>10.1</b>	<b>Reactivity</b>	No specific reactivity test data are available for this product or its components in normal conditions of use.
<b>10.2</b>	<b>Chemical stability</b>	FinalPart is stable at room temperature in closed packages and under normal storage and handling conditions.  No hazardous polymerization can be produced by any of these components
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	No risk of dangerous reactions under normal use and storage conditions.
<b>10.4</b>	<b>Conditions to avoid</b>	No special conditions to avoid. Comply with usual precautionary practices regarding chemicals.
<b>10.5</b>	<b>Incompatible materials</b>	FinalPart contains elements that can react violently if mixed with active metals such as aluminium or magnesium. Violent reactions may occur with ethoxyethyl alcohols.
<b>10.6</b>	<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.  At very high temperatures, decomposition products are formed: phosphorus oxide, magnesium oxide, potassium oxide(s) and sulphur oxide(s).

## 11 SECTION 11 : TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

a) acute toxicity;	Most of the chemicals in FinalPart are toxic by ingestion, inhalation or skin contact.
(b) skin corrosion/irritation;	Ingestion: Ingestion of FinaPart may cause gastrointestinal disorders with abdominal pain, nausea, vomiting and diarrhea. No known significant effects or critical hazards.
(c) serious eye damage/irritation;	Inhalation: No known significant effects or critical hazards.
(d) respiratory or skin sensitisation;	Skin Exposure: Mild irritation. No known significant effects or critical hazards.
(e) germ cell mutagenicity;	Eye Exposure: Mild irritation. No known significant effects or critical hazards.
(f) carcinogenicity;	
(g) reproductive toxicity;	
(h) STOT-single exposure;	
(i) STOT-repeated exposure;	
(j) aspiration hazard	

Symptoms related to the physical, chemical and toxicological characteristics	No known symptoms.
Delayed and immediate effects as well as chronic effects from short- and long-term exposure	Health effects are considered unlikely if the product is used as recommended
Interactive effects	No data available
Absence of specific data	No data available
Mixtures	No data available
Mixture versus substance information	Mixture not containing substances subject to registration. No known adverse effects or symptoms resulting from exposure to the mixture or its components.
Other information	Comply with good industrial hygiene practices

## 12 SECTION 12 : ECOLOGICAL INFORMATION

<b>12.1</b>	<b>Toxicity</b>	No known significant effects or critical hazards.
<b>12.2</b>	<b>Persistence and degradability</b>	No data available to date to the best of our knowledge.
<b>12.3</b>	<b>Bioaccumulative potential</b>	No data available to date to the best of our knowledge.
<b>12.4</b>	<b>Mobility in soil</b>	No data available to date to the best of our knowledge. Waste generation should be avoided or minimized as much as possible, and the product should not be discharged into sewers or waterways.
<b>12.5</b>	<b>Results of PBT and vPvB assessment</b>	No data available to date to the best of our knowledge.
<b>12.6</b>	<b>Other adverse effects</b>	No known significant effects or critical hazards.

## 13 SECTION 13 : DISPOSAL CONSIDERATIONS

	<b>Waste treatment methods</b>	Do not discharge into my sewers or waterways. Waste: Waste management is carried out without endangering human health and without harming the environment, including without creating a risk to water, air, soil, fauna and flora. Recycle or dispose of in accordance with current legislation, preferably by an approved collector or company.
<b>13.1</b>		Disposal of the product/packaging: it is prohibited to discharge it into sewers or waterways. Residues and empty containers must be handled and disposed of in accordance with the relevant local/national legislation in force. Follow the provisions of Directive 2008/98/EC on waste management. FinalPart can be disposed of in the same way as any industrial fertilizer. Recover the product as much as possible. Follow local legislation.
	Waste codes / waste designations according to Law:	Not applicable

## 14 SECTION 14 : TRANSPORT INFORMATION

		Non-hazardous transport. In the event of an accident and product spillage, proceed as described in point 6
<b>14.1</b>	<b>UN number</b>	Not regulated. Non-hazardous transport

<b>14.2</b>	<b>UN proper shipping name</b>	-
<b>14.3</b>	<b>Transport hazard class(es)</b>	-
	<b>ADR</b>	Not regulated. Non-hazardous transport
	<b>IMDG</b>	
	<b>OACI/IATA</b>	
<b>14.4</b>	<b>Packing group</b>	-
<b>14.5</b>	<b>Environmental hazards</b>	No
<b>14.6</b>	<b>Special precautions for user</b>	Do not transport with food products.
<b>14.7</b>	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not available

## 15 SECTION 15 : REGULATORY INFORMATION

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

#### 15.1

Reg. 1272/2008/CE The product does not contain substances that can be classified as carcinogenic. 1 or 2 according to Reg.1272/2008/EC and subsequent updates.

Reg. 830/2015/CE (REACH) Not applicable

Special hazards None

#### 15.2

**Chemical safety assessment** Evaluation not carried out

## 16 SECTION 16 : OTHER INFORMATION

### Abbreviations and acronyms:

ETA = Acute Toxicity Estimation  
 CLP = Regulation 1272/2008/EC on classification, labelling and packaging of substances and mixtures  
 DNEL = Derived no-effect dose  
 DMEL = Derived no-effect dose  
 EUH = Specific hazard statement CLP  
 CPSE = Predicted no-effect concentration  
 RRN = REACH registration number  
 PTB = Persistent, Toxic and Bioaccumulative  
 tPtB = Very persistent and very bioaccumulative  
 bw = Body mass

#### 16.1

### Key literature references and sources for data

Regulation (EC) 1907/2006 of the European Parliament (REACH)  
 Regulation (EC) 1272/2008 of the European Parliament (CLP)  
 Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)  
 Regulation (EC) 453/2010 of the European Parliament Regulation (EC) 286/2011 of the European Parliament (II Atp. CLP)

#### 16.2

The Merck index. Ed. 10 Handling and chemical safety



Niosh - Register of toxic effects of chemical substances  
INRS - Toxicological Data Sheet  
Patty - Industrial hygiene and toxicology  
N.I. Sax - Dangerous properties of Industrial Materials - 7 Ed., 1989  
ECHA website

**16.3 Indication of changes:**

Date of revision: 25/02/2020  
Previous version date: 06/09/2019  
Version: 4  
Amendment section 5.3

**16.4 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:**

Trade name change from "Ripen" to "FinalPart".

The indicated mixture does not require an SDS according to the REACH requirements. This safety sheet is for information purposes only.

This safety data sheet complies with the requirements set out in Reg. 830/2015/EU. It does not exempt the user from knowing and applying all the documents that govern his activity. The user will take under his responsibility the precautions related to the specific use of the product. All the regulatory requirements mentioned are simply intended to help the recipient to assume his responsibilities. This list should not be considered exhaustive. This data sheet supplements the technical instructions for use but does not replace them. The information in this safety data sheet has been compiled by GHE on the basis of its current knowledge (safety data sheet for the active ingredients compiled by the manufacturer and other bibliographical data) as of the date indicated. It is given in good faith. In addition, the user's attention is drawn to the possible risks involved when a product is used for purposes other than those for which it was created. The recipient must ensure that he is not liable for anything other than what is stated in the texts other than those mentioned.

The information describes the safety aspects of the product. It is not intended to guarantee specific properties.

It is the responsibility of our customers to observe the applicable regulations.

**Note**