

## Safety Data Sheet

### Section 1: PRODUCT IDENTIFICATION

#### 1.1. Product identifier

<b>Product Name</b>	Jojoba Pro™ -N
<b>CAS No.</b>	7732-18-5 (and) 100684-35-3 (and) 1686112-10-6 or 84775-94-0 (and) 24634-61-5
<b>Chemical Name</b>	Water (and) Hydrolyzed Jojoba Protein (and) Leuconostoc/Radish Root Ferment Filtrate (and) Potassium Sorbate
<b>Pure substance/mixture</b>	Mixture

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

<b>Recommended Use</b>	Cosmetics/Personal Care
<b>Uses advised against</b>	NOT FOR USE AS A FOOD INGREDIENT

### Section 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No 1272/2008

This product is not hazardous according to the EU CLP Regulation (EC) No. 1272/2008, the 2012 OSHA Hazard Communication Standard (HCS) and the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

#### 2.2. Label elements

##### Product identifier

This product is not hazardous according to the EU CLP Regulation (EC) No. 1272/2008, the 2012 OSHA Hazard Communication Standard (HCS) and the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

#### 2.3. Other hazards

None known

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Mixture

Chemical Name	EINECS	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Potassium Sorbate	246-376-1	24634-61-5	0.2	Eye Irrit. 2 (H319)	Exempted, Quantity <1T
Water	231-791-2	7732-18-5	65-75	Not Classified	Exempted, Annex IV
Leuconostoc/Radish Root Ferment Filtrate	283-918-6	84775-94-0	3.0-7.0	Not Classified	Exempted, Quantity <1T
Hydrolyzed Jojoba Protein	309-708-7	100684-35-3	23-30	Not Classified	Exempted, Quantity <1T

#### Full text of H- and EUH-phrases: see section 16

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove to fresh air.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

### 4.2. Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Asthma-like and/ or skin allergy-like symptoms.
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### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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## Section 5: FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

#### **Suitable extinguishing media**

Water. Dry chemical. Foam. Carbon dioxide.

#### **Unsuitable extinguishing media**

Do not use a solid water stream as it may scatter and spread fire

### 5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors such as carbon monoxide/dioxide.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

#### **Personal Precautions**

Ensure adequate ventilation.

#### **For emergency responders**

Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

Dike far ahead of any spill and use absorbent material. Place in approved waste containers and dispose of in accordance with all local and federal rules and regulations.

### **6.3. Methods and material for containment and cleaning up**

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Cleaning Up</b>	Cover liquid spill with sand, earth or other non-combustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Sweep up and shovel into suitable containers for disposal.

### **6.4. Reference to other sections**

See Section 12: ECOLOGICAL INFORMATION.

## **Section 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

#### **Handling**

Ensure adequate ventilation.

#### **Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Storage**

Keep container tightly closed in a cool, dry and well-ventilated place @ 25C. Do not freeze.

### **7.3. Specific end use(s)**

#### **Risk Management Methods (RMM)**

The information required is contained in this Material Safety Data Sheet.

## **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available.

### **8.2. Exposure controls**

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

#### **Personal Protective Equipment**

<b>Eye/Face Protection</b>	Tight sealing safety glasses.
<b>Hand protection</b>	Protective gloves.
<b>Skin and Body Protection</b>	Long sleeved clothing.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions.

**Environmental exposure controls** Local authorities should be advised if significant spillages cannot be contained.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Odor</b>	Light, Characteristic
<b>Appearance</b>	Hazy Liquid	<b>Odor threshold</b>	Not determined
<b>Color</b>	Amber		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	4.0 - 5.0	
<b>Melting point / freezing point</b>		
<b>Boiling point / boiling range</b>		
<b>Flash Point</b>	>93.333 °C / >200 °F	Cleveland Open Cup
<b>Evaporation Rate</b>		
<b>Flammability (solid, gas)</b>		
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit</b>		
<b>Lower Flammability Limit</b>		
<b>Vapor pressure</b>		
<b>Vapor Density</b>		
<b>Specific Gravity</b>	1.0-1.2	@ 25°C
<b>Water Solubility</b>	Soluble	
<b>Solubility in other solvents</b>		
<b>Partition coefficient</b>		
<b>Autoignition Temperature</b>		
<b>Decomposition temperature</b>		
<b>Kinematic viscosity</b>		
<b>Dynamic viscosity</b>	Not determined	
<b>Explosive Properties</b>	None	
<b>Oxidizing Properties</b>	None	

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific hazard under normal conditions of use, to our knowledge.

### 10.2. Chemical stability

Stable under normal conditions.

#### Explosion Data

Sensitivity to Mechanical Impact	None known.
Sensitivity to Static Discharge	None

### 10.3. Possibility of hazardous reactions

#### **Hazardous Reactions**

None under normal processing.

### 10.4. Conditions to avoid

Heat, flames and sparks. Direct sunlight. Avoid extreme heat. Do not freeze.

### 10.5. Incompatible materials

Strong oxidizing agents.

Disclaimer: As the users' condition of work is not known, the information contained in this Material Safety Data Sheet is accurate to the best of our knowledge and is based on the national community regulations. The product must not be employed for uses other than those specified without having previously obtained written handling instructions. Users are responsible for taking all necessary to comply with the requirements of the law and local regulations. The information contained in this sheet should be regarded as the description of the safety requirements relating to our products and not as a guarantee of its properties.

## 10.6. Hazardous decomposition products

None under normal use conditions.

## Section 11: TOXICOLOGY INFORMATION

### 11.1. Information on toxicological effects

<b>Inhalation</b>	Not classified (Based on available data, the classification criteria are not met).
<b>Eye contact</b>	Not classified (Based on available data, the classification criteria are not met).
<b>Skin contact</b>	Not classified (Based on available data, the classification criteria are not met).
<b>Ingestion</b>	Not classified (Based on available data, the classification criteria are not met).

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Potassium Sorbate	3200 mg/kg ( Rat )	-	-
Water	> 90 mL/kg ( Rat )		

<b>Skin corrosion/irritation</b>	Not expected to be irritating to the skin based on testing conducted on a similar material.
<b>Serious eye damage/eye irritation</b>	Not expected to be irritating to the eyes based on testing conducted on a similar material.
<b>Sensitization</b>	Not expected to be a skin sensitizer.
<b>Mutagenic Effects</b>	Not expected to be mutagenic based on testing conducted on a similar material.
<b>Carcinogenic effects</b>	Not expected to be carcinogenic.
<b>Reproductive Toxicity</b>	Not toxic for reproduction.
<b>STOT - single exposure</b>	No known hazard.
<b>STOT - repeated exposure</b>	No known hazard.
<b>Aspiration hazard</b>	No known hazard.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Not toxic for the environment.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Daphnia Magna (Water Flea)
Potassium Sorbate		LC50= 1250 mg/L Brachydanio rerio 96 h	EC50 = 750 mg/L 48 h

## **12.2. Persistence and degradability**

Biodegradable.

## **12.3. Bioaccumulative potential**

Not expected to bioaccumulate.

## **12.4. Mobility in soil**

### **Mobility in soil**

Aqueous Solution- has high mobility in soil.

## **12.5. Results of PBT and vPvB assessment**

Does not contain PBT or vPvB substances.

## **12.6. Other adverse effects**

None known

## **Section 13: DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations.

**Contaminated Packaging** Empty remaining contents.

## **Section 14: TRANSPORT INFORMATION**

### **NOTE**

DOT: Not Regulated

**IMDG / IMO**  
Not regulated

**RID**  
Not regulated

**ADR**  
Not regulated

**ICAO**  
Not regulated

**IATA**  
Not regulated

## Section 15: REGULATORY INFORMATION

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

European Union

#### International Inventories

TSCA	n/a
EINECS/ELINCS	n/a
DSL/NDSL	n/a
PICCS	n/a
ENCS	n/a
IECSC	n/a
AICS	n/a
KECL	n/a

#### Legend

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances

### 15.2. Chemical safety assessment

Not applicable

## Section 16: OTHER INFORMATION

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### **Full text of H-Statements referred to under section 3**

H319 - Causes serious eye irritation