

ISM Biofertil K[®]

LÍQUID ORGÁNICO FERTILIZANTE



SAFETY SHEET

Organic Farm Supplies
Presentations: 1000 lts and Bulk

Section 1: Identification

Recommended uses:

Application in irrigation systems, rolled water systems, canals, submersion, drip, fertigation, hydroponic irrigation and sprinkler irrigation.

Name or chemical code: Not applicable

Trade name: ISM Biofertil K

Other relevant information:

Name or CAS number: N/A

Chemical family: N/A

Synonym: N/A

COMPANY

Name: *The Illusion of San Marcos S. P.R. by R.L.*

Address: *Prol. Juan Spada Grossi No. 1990, San Marcos, Tonila Jalisco*

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Section 2: Hazard Identification


Stability: Stable

Incompatibility: Nothing known

Conditions to avoid: None

Decomposition products: None

Polymerization risk: None

NFPA Rating		
Health	0	
Flammability	0	
Reactivity	0	
Components		
Animal by-products		

Healthy with the environment



Section 3: Composition/Information

on product ingredients

Name: ISM Biofér I K

Commercial Name: ISM Biofér I K

Classification: Organic Fertilizer

Description: Reddish brown liquid

CAS: Not applicable

RCSO: In process

Hazard components name	No. CAS	No. ONU	LMPECT PPT	LMPECT	LMPEP	IPVS	Classification of risk degrees				
							S	I	R	ESP	EPP
ISM Biofér I K	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0		

Section 4: First Aid

Description of first aid measures

Ingestion: Do not induce vomiting, unless recommended by medical personnel. If the victim is conscious, wash the mouth with water and drink 1 to 2 glasses of purified water. If spontaneous vomiting occurs, keep head below hip level to prevent aspiration into lungs. Seek medical attention or contact the Medical Center immediately.

Inhalation: Remove person to fresh air. If not breathing, provide artificial respiration. If you are breathing hard, trained personnel should



provide oxygen. If the problem develops or persists, seek medical attention. Skin Contact: Rinse with water for at least 15 minutes. Remove contaminated clothing and wash before reuse. Avoid touching your eyes with contaminated body parts. If the problem develops or persists, seek medical attention.

Eye contact: Rinse immediately with plenty of water. Remove contact lenses. Rinse with water for at least 15 minutes. Hold eyelids open to rinse properly. If the problem develops or persists, seek medical attention.

Symptoms: May cause severe eye irritation or damage. May cause skin irritation.

High concentrations can cause depression in the nervous system characterized by headache, dizziness, vertigo, nausea, drowsiness and fatigue.

Notes to doctor: Treatment is according to the person's conditions and specific exposure. If lavage is performed, it is suggested that it be endotracheal and esophageal control. Harm from pulmonary aspiration must be weighed against toxicity when considering emptying the stomach. Exposure treatment should be directed at the control of symptoms and the patient's clinical condition.

Section 5: Fire and Explosion Information

Flammable point: Not applicable.

Fire Extinguishing Agent: Dry chemicals, carbon dioxide, wash area with water.

High: Does not apply

Low: Not applicable

Special equipment for extinguishing fire: Fire extinguisher, avoid some vapors.

Fire or explosion hazard: None

Safety equipment: Mask with double filter

Section 6: Spill, Accidental Release and Disposal Measures

Personal protective equipment: Gloves, mouth covers, non-slip rubber boots, overalls and protective glasses.

Waste Disposal Methods: Sweep up spilled material for recycling or disposal, following local waste disposal regulations. Precautions to avoid damage: Collect excess spilled material, the rest can be washed with plenty of water so that the sewage system is free.

Keep in a visible area.

Section 7: Handling and storage

Precautions and safe handling: Avoid excessive heat and humidity. Use only in an area with sufficient ventilation. Avoid breathing dust and fumes. Avoid contact with skin, eyes and clothing. Wear eye



protection, gloves and other protective clothing that is adapted to the activity being performed and the risks involved. Do not eat, drink or smoke during use.

Keep containers tightly closed when not in use. Keep away from heat and open flame. After use, wash your hands with soap and water. Wash contaminated clothing before reuse.

Conditions for safe storage: The storage tank must have certain design features for maximum safety, and the vapor space must be free of ignition sources. Store tightly closed and in the properly labeled container. Containers that have been opened should be carefully resealed and kept upright to prevent leaks. Keep away from moisture. Keep away from direct contact with sun and heat.

Section 8: Exposure Controls and Personal Protective Measures

Eye protection: Wear safety glasses to avoid contact with eyes. **Skin protection:** Wear appropriate work clothing: pants and preferably wear a long-sleeve shirt

Breathing Protection: Use industrial grade face masks. If you have severe exposure to the product, wash in a shower, if not available, wash with plenty of water.

Section 9: Physical and Chemical Characteristics

Physical state: Liquid

Liquid Color: Brown

Smell: Typical organic

Ph: 6.5 to 7

Solubility: High

Specific weight: 1.05 g/cm³

Evaporation: N/A

Volatility: N/A

Flammability: N/A

Section 10: Stability and reactivity

Toxicity: N/A

Reactivity: N/A

Incompatibility with other materials: N/A

Chemical stability N/A



Section 11: Toxicological information

Inhalation toxicity: Ammonia in low concentrations <5ppm

Oral toxicity: N/A

Skin toxicity: N/A

Section 12: Eco-toxicological information

Degradability: *ISM Biofertil K* mixes with the soil over time.

pH levels: Depending on soil levels, the product may alter the pH of the location where it is added.

Other side effects: None

Toxicity: No risk

Section 13: Information regarding product disposal

Deposit/packaging considerations: Important! Avoid the generation of waste. Do not puncture, cut, heat or burn the container, even after use. Do not throw waste into sewers or drinking water supplies. Return the empty container properly labeled to the supplier or any location where there is a recovery program for final disposal. Deposit through a licensed waste collector. Observe all federal, state/provincial and municipal regulations. If necessary, consult the Department of Environment or the relevant authorities.

Do not reuse the container.

Section 14: Information Relating to Transportation.

This material is not classified as dangerous goods, so it does not adhere to the regulations for the transportation of materials and waste of the Ministry of Communications and Transportation (SCT).

Section 15: Regulatory information

Process: Organic process certified by **OMRI ISM-10879**

Certimex: NOP, JAS, LOOAA and CERTIMEX.

Labeling: The packaging follows **NOM-182-SSA1-1998** labeling as plant nutrients

NOM-018-STPS-2000 chemical substances

Semadet: Collection and processing permit



Section 16: Other information

Production date: January 10, 2018

Last update: April 20, 2022

www.ismfertilizadores.com

