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In conformity to Regulation (EU) 2015/830 - In conformity to Regulation (EC) 1907/2006

## **SECTION1. Identification of the substance/mixture and of the company/undertaking**

### **1.1. Product identifier**

Product code : ILSAMIN BIO K  
Product line: ILSATOP

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

Fertilizers  
Sectors of use:  
Agriculture, forestry, fishery[SU1]

Uses advised against  
Do not use for purposes other than those listed

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

ILSA spa - Via Quinta Strada 28, 36071 Arzignano (VI)  
Tel. +39 0444 452020 Fax +39 0444 456864

Email: info@ilsagroup.com

### **1.4. Emergency telephone number**

ILSA S.p.A. +39 0444 452020

## **SECTION2. Hazards identification**

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

2.1.1 Classification according to Regulation (EC) No 1272/2008:

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Pictograms:  
None

Hazard Class and Category Code(s):  
Not hazardous.

Hazard statement Code(s):  
Not hazardous.

## **2.2. Label elements**

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):  
None

Hazard statement Code(s):  
Not hazardous.

Supplemental Hazard statement Code(s):  
not applicable

Precautionary statements:  
None in particular.

## **2.3. Other hazards**

Substance/mixture does not meet the criteria for PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards  
This document is outside the scope of Article 31 of REACH.

# **SECTION3. Composition/information on ingredients**

## **3.1 Substances**

Irrilevant

## **3.2 Mixtures**

No substance to signal.

# **SECTION4. First aid measures**

## **4.1. Description of first aid measures**

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product).:

Wash thoroughly with soap and running water.

Direct contact with eyes (of the pure product).:

Wash immediately and thoroughly with running water for at least 10 minutes.

Ingestion:

Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine

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

No data available.

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

No data available.

## **SECTION5. Firefighting measures**

### **5.1. Extinguishing media**

Advised extinguishing agents:

Water spray, CO<sub>2</sub>, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

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

No data available.

### **5.3. Advice for firefighters**

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

## **SECTION6. Accidental release measures**

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

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Wear gloves and protective clothing

6.1.2 For emergency responders:

Wear gloves and protective clothing

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

### **6.2. Environmental precautions**

Contain spill with earth or sand.

If the product has entered a watercourse in sewers, notify it to the the authorities.

Discharge the remains in compliance with the regulations

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

6.3.1 For containment:

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.

Prevent it from entering the sewer system.

6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

None in particular.

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

Refer to paragraphs 8 and 13 for more information

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## **SECTION 7. Handling and storage**

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

Avoid contact and inhalation of vapors  
At work do not eat or drink.  
See also paragraph 8 below.

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

Keep in original container closed tightly. Do not store in open or unlabeled containers.  
Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Store in a cool place, away from sources of heat and direct exposure of sunlight.

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

Agriculture, forestry, fishery:  
Fertilizers.

## **SECTION 8. Exposure controls/personal protection**

### **8.1. Control parameters**

No data available.

### **8.2. Exposure controls**

Appropriate engineering controls:  
Agriculture, forestry, fishery:  
Use in accordance with good agricultural practices.



Individual protection measures:

(a) Eye / face protection  
Wear mask

(b) Skin protection

(i) Hand protection  
When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)

(ii) Other  
When handling the pure product wear full protective skin clothing.

(c) Respiratory protection  
Use adequate protective respiratory equipment (EN 14387:2008)

(d) Thermal hazards  
No hazard to report

Environmental exposure controls:  
Use according to good working practices to avoid pollution into the environment.

## **SECTION 9. Physical and chemical properties**

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

Physical and chemical properties	Value	Determination method
Appearance	Liquido	
Odour	Not determined	
Odour threshold	Not determined	
pH	6.0	G.U. 19/09/2002 Nr. 220 D.M. 17/06/2002 7
Melting point/freezing point	Not determined	
Initial boiling point and boiling range	Not determined	
Flash point	Not determined	
Evaporation rate	Not determined	
Flammability (solid, gas)	Irrelevant	
Upper/lower flammability or explosive limits	Not determined	
Vapour pressure	Not determined	
Vapour density	Not determined	
Relative density	1.25	ILSA S.p.A. IDL 1.2.1 liquid fertilizers
Solubility	Not determined	
Water solubility	Not determined	
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	

**9.2. Other information**

No data available.

**SECTION 10. Stability and reactivity****10.1. Reactivity**

No reactivity hazards

**10.2. Chemical stability**

No hazardous reaction when handled and stored according to provisions.

**10.3. Possibility of hazardous reactions**

There are no hazardous reactions

**10.4. Conditions to avoid**

Nothing to report

### 10.5. Incompatible materials

It can generate toxic gases to contact with acids, amide, aliphatic and aromatic amines, carbamate, halogenated substances, isocyanetic, organic sulfide, nitrile, organic phosphates, inorganic sulfide, polymerizable compounds. It can be easy ignite in contact with other substances.

### 10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

## SECTION 11. Toxicological information

### 11.1. Information on toxicological effects

ATE(mix) oral = not available  
ATE(mix) dermal = not available  
ATE(mix) inhal = not available

- (a) acute toxicity: based on available data, the classification criteria are not met.
- (b) skin corrosion/irritation based on available data, the classification criteria are not met.
- (c) serious eye damage/irritation: based on available data, the classification criteria are not met.
- (d) respiratory or skin sensitization: based on available data, the classification criteria are not met.
- (e) germ cell mutagenicity: based on available data, the classification criteria are not met.
- (f) carcinogenicity: based on available data, the classification criteria are not met.
- (g) reproductive toxicity: based on available data, the classification criteria are not met.
- (h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met.
- (i) specific target organ toxicity (STOT) repeated exposure based on available data, the classification criteria are not met.
- (j) aspiration hazard: based on available data, the classification criteria are not met.

## SECTION 12. Ecological information

### 12.1. Toxicity

Use according to good working practices to avoid pollution into the environment.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

Substance/mixture does not meet the criteria for PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

#### **12.6. Other adverse effects**

No adverse effects

### **SECTION13. Disposal considerations**

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

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies. Recover if possible. Operate according to local or national regulations

### **SECTION14. Transport information**

#### **14.1. UN number**

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

#### **14.2. UN proper shipping name**

None

#### **14.3. Transport hazard class(es)**

None

#### **14.4. Packing group**

None

#### **14.5. Environmental hazards**

None

#### **14.6. Special precautions for user**

No data available.

#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Don't intended safety peel-mell.

### **SECTION15. Regulatory information**

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

Italy: D.Lgs. 3/2/1997 n.52; D.Lgs 14/3/2003 n.65; D.Lgs. 09/04/2008 n.81; D.P.R. 01/08/2011 n.151; D.M. 03/04/2007; D.Lgs. 26/06/2015 n.105; D.Lgs. 15/02/2016 n.39

UE: REG 2006/1907/CE (REACH); REG 2008/1272/CE (CLP); REG 2009/790/CE; DIR 2006/8/CE; DIR 2012/18/UE; DIR 2014/27/UE

#### **15.2. Chemical safety assessment**

No chemical safety assessment was carried out by the supplier

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### 16.1. Other information

Classification based on data of all mixture components

Regulation references:

Directive 67/548 29 ° adaptation

Directive 1999/45 / EC

Directive 2001/60 / EC

Regulation EC 1907/2006

Regulation EC 1272/2008

The information in this Safety Data Sheet has been provided in good faith and in the belief that they are accurate, based on our knowledge of the product dating from the time of publication. This does not imply the acceptance of any liability by the ILSA Spa Company for the consequences related to its use or misuse in any particular circumstance.

It does in no way exempt the user of the product from observing all the legislative, administrative and regulatory related to the product, hygiene and safety at work.

Document, established in accordance with the guidelines published by EFMA (European Fertilizer Manufacturers Association) and according to the Guide to the compilation of safety data sheets ECHA.

\*\*\* This sheet supersedes any previous edition.