

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

1.1 Name of Preparation:

PK Maxx

1.2 Intended Use:

As a professional use fertiliser

1.3 Supplier Details:

**ILEX ENVIROSCIENCES LIMITED
PO Box 158
Market Rasen
Lincolnshire
LN8 3QL**

Contact: The Safety Officer

Telephone: 01673 885175

2. INFORMATION ON INGREDIENTS

THIS PREPARATION IS CLASSIFIED AS DANGEROUS UNDER DIRECTIVE 2001/59/EC

2.1 Composition:

Product code: not specified

Hazardous Components -

Phosphoric Acid	CAS 7664-38-2	C; Xn; R35
Phosphorus Acid	CAS 10294-56-1	C; Xn; R34,

3. HAZARDS IDENTIFICATION

3.1 Classification of Preparation:



IRRITANT

3.2 Primary Hazards:

IRRITATING TO SKIN & EYES

**HARMFUL TO AQUATIC ORGANISMS; MAY CAUSE LONG TERM
ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.**

4. FIRST AID MEASURES

4.1 Any special measures:

4.2 Inhalation:

Remove from source of exposure to fresh air; may cause irritation; seek medical attention.

4.3 Skin & eye exposure:

Rinse immediately with plenty of water. Seek medical advice.

Eyes: irrigate with copious amounts of clean water for at least 10 minutes. Seek medical advice

4.4 Ingestion:

Seek medical advice.

5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media:

Not flammable

5.2 Unsuitable extinguishing media:

As appropriate for surrounding fire

5.3 Special hazards, combustion or by products:

Combustion gases may cause irritation.

5.4 Protective clothing for fire fighting:

Suitable protective clothing and breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions:

Prevent contact with skin or eyes

6.2 Environmental precautions:

Do not wash excessive spillages into water courses. If this product enters water course or sewer (including via contaminated soil & vegetation) contact local agency and/or police immediately. Do not burn.

6.3 Clean & disposal methods:

Use soil, sand or other absorbent material. Contact specialist waste disposal contractor.

7. HANDLING AND STORAGE

7.1 Practical precautions & engineering controls for safe handling:

Open container with care to avoid splashes.

7.2 Conditions and quantity limits for safe storage:

Store in a cool, dry atmosphere in original, labelled containers.

Do not store in metal or alloy packaging.

Refer to manufacturer for maximum safe stacking height.

No storage quantity limits.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure limit values:

Not determined for product.

8.2 Occupational exposure controls:

Ensure suitable engineering controls for measuring and decanting of product prior to dilution.

8.3 Personal Protective Equipment:

Primary Hazard considered as handling of concentrate.

Gloves: BS EN374 – chemical protection: physical barrier protection only;

Eye Protection: goggles/face shield to BS EN166

Coveralls: Suit to BS EN 465 / 466/ 467

Footwear: Suitable chemical resistant safety footwear

9. PHYSICAL AND CHEMICAL PROPERTIES

9.01 Appearance: not specified

9.02 Odour: not specified

9.03 pH: 2.0 - 4.0

9.04 Boiling point/range: not specified

9.05 Flash Point/Flammability: not classified as flammable

9.06 Explosive properties: not classified as explosive

9.07 Oxidising properties: not classified as oxidising

9.08 Vapour pressure: not specified

9.09 Relative Density: not specified

9.10 Solubility: not specified

9.11 Partition coefficient: not specified

9.12 Viscosity: not specified

9.13 Vapour density: not specified

9.14 Evaporation rate: not specified

10. STABILITY AND REACTIVITY

10.1 Materials to avoid:

None

10.2 Conditions to avoid:

None

10.3 Hazardous decomposition products:

Possible Irritant fumes

11. TOXICOLOGICAL INFORMATION

The Preparation has not been assessed at all for this end-point, so its hazardous property in this regard is not known.

12. ECOLOGICAL INFORMATION

Not classified as harmful to the environment.

12.1 Ecotoxicity:

No specific data available

12.2 Mobility:

No specific data available

12.3 Persistence & degradability:

No specific data available

12.4 Bioaccumulative potential:

This product is not considered to bioaccumulate.

13. DISPOSAL CONSIDERATIONS

13.1 Disposal of used preparation:

Dispose in accordance with local regulations via specialised waste contractor.

13.2 Disposal of packaging:

Use specialist waste contractor in accordance with local regulations. Do not remove labels from containers.

14. TRANSPORT INFORMATION

14.1 Specific Transport requirements

Road

ADR/RID Not regulated for carriage

Sea

IMDG Not regulated for carriage

Air

ICAO/IATA Not regulated for carriage

15. REGULATORY INFORMATION

This preparation is classified and labelled in accordance with both regulation 2001/59/EC and The Fertiliser Regulations 1991.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S36/7/9: Wear suitable protective clothing, gloves & eye/face protection

16. OTHER INFORMATION

R36/38: IRRITATING TO SKIN & EYES

R52-53: HARMFUL TO AQUATIC ORGANISMS & MAY CAUSE LONG – TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT

Compiled using data submitted for raw materials and practical experience.

This product is intended for professional users only.

This Safety Data Sheet is prepared in compliance with Directive 2001/59/EC.

THE INFORMATION GIVEN HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT AND IS PRESENTED IN GOOD FAITH BUT NO WARRANTY, EXPRESSED OR IMPLIED IS GIVEN.

VERSION: 01 DATED 07 DECEMBER 2009

PRINTED: 05 JANUARY 2010