

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

1.1 Name of Preparation:

START UP

1.2 Intended Use:

As a professional use seed treatment

1.3 Supplier Details:

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

**Contact: The Safety Officer
Telephone: +44 (0) 1673 885175**

2. INFORMATION ON INGREDIENTS

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

2.1 Composition:

Product code: tbc

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

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: dark green solution

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: 1.29 – 1.35

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

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.

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