



Material Safety Data Sheet

According to EC Regulation 1907/2006

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Identification of the substance or preparation

MSDS Ref. No.: 4482.01.49
Product name: Pro Crystal
Product code: 4482.01.49XC

Use of the Substance/Preparation

Recommended use: Growth regulator.

Company/Undertaking Identification

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2. HAZARDS IDENTIFICATION

Classification

The product is non-dangerous in accordance with Directive 1999/45/EC

Most important hazards

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

For the full text of the R phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

General advice:	No harmful side effects known .
Ingestion:	Drink plenty of water. Do not induce vomiting.
Inhalation:	Move to fresh air. If symptoms persist, call a physician.
Skin contact:	Wash off immediately with plenty of water. If symptoms persist, call a physician.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water spray mist or foam. Carbon dioxide (CO₂). Dry chemical.

Unsuitable extinguishing media:

High volume water jet

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases:

During fire there might be a release of: . carbon and nitrogen oxides.

Special protective equipment for firefighters:

Use personal protective equipment. Self-contained breathing apparatus and suitable protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment. Safety glasses with side-shields.

Environmental precautions:

Prevent product from entering drains.

Methods for cleaning up:

Prevent further leakage or spillage. Soak up with inert absorbent material. Take up mechanically and collect in suitable container for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling:**Technical measures/precautions:**

Ensure adequate ventilation. Avoid dust formation.

Safe handling advice:

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke. Avoid contact with skin and eyes. Wash hands and exposed skin after use / handling.

Storage:**Technical measures/storage conditions:**

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from extreme temperatures. Keep at temperatures between 0 °C and 45 °C .

Incompatible products:

Do not store near acids
Alkali
Oxidizing agents
Metals

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Ensure adequate ventilation.

Occupational exposure controls**Personal protective equipment****Respiratory protection:**

Respirator with EN405 FFA1 filter.

Hand protection:

Chemical resistant gloves.

Eye/face protection

Safety glasses with side-shields.

Skin and body protection:

Wear suitable protective clothing.

Hygiene measures

Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. Wash hands and exposed skin after use / handling.

Exposure limit values**Environmental exposure controls**

There are no Occupational Exposure Limits available.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State:	Solid
Appearance:	Powder
Color:	No information available
Odor:	Slight

Important Health Safety and Environmental Information

Boiling point/range:	100 (°C)
Solubility:	Soluble

Other information

pH:	6.5 - 8.5
Bulk density:	~0.66 - 0.77g/cm ³

10. STABILITY AND REACTIVITY

Stability:

Stable under recommended storage conditions.

Conditions to avoid:	Protect from extremes of temperature. Keep at temperatures between 0 °C and 45 °C .
Materials to avoid:	Bases.
Hazardous decomposition products:	No decomposition if stored normally

11. TOXICOLOGICAL INFORMATION

Component information

Product information

Local effects

Skin effects:	No information available.
Eye effects:	No information available.
Inhalation:	No information available.
Ingestion:	No information available.

12. ECOLOGICAL INFORMATION

Product information

Aquatic toxicity:	No test results available showing any danger to the environment.
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Component information

No ecological information is available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations and national regulations.
Contaminated packaging:	Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

Product information

Physical State:	Solid
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14. TRANSPORT INFORMATION**ADR/RID****UN-No:** Not classified for transport**IATA****UN-No:** N.A.**IMO / IMDG****UN-No:** Not classified for transport**15. REGULATORY INFORMATION****Indication of danger:**

This product does not have to be classified according to the EU regulations.
To avoid risks to man and the environment, comply with the instructions for use.

R -phrase(s)

None

S -phrase(s)

None

16. OTHER INFORMATION**Text of R Phrases mentioned in Section 3**

None

Reason for revision:

*** Indicates changes since the last revision. This version replaces all previous versions

Prepared by:

Regulatory Affairs Department.

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End of Safety Data Sheet