



Material Safety Data Sheet

According to EC Regulation 1907/2006

Print date: 15-Feb-2012

Revision Number: 2

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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: Powder, blend of bacterial cultures used as biological amendment for water management

Company/Undertaking Identification

• Everris International BV
Nijverheidsweg 1-5; 6422 PD Heerlen (NL)
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Emergency telephone number: +44 1235 239 670 (24h)

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2. HAZARDS IDENTIFICATION

Classification

Indication of danger:

This product does not have to be classified according to the EU regulations (1999/45/EC)
To avoid risks to man and the environment, comply with the instructions for use.

Most important hazards

None

R -phrase(s)

None

S -phrase(s)

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

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.
Notes to physician:	Artificial respiration and/or oxygen may be necessary

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)
Melting point/range:	Not applicable
Solubility:	Soluble
Vapour pressure	Not applicable
Vapour density	Not applicable
Explosive properties:	Doesn't present explosion hazard
Flammability (solid, gas):	Non-flammable

Other information

pH:	6.5 - 8.5
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10. STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Protect from extremes of temperature. Keep at temperatures between 0 °C and 45 °C .
Hazardous decomposition products	No decomposition if stored normally
Hazardous reactions	None reasonably foreseeable

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.
Ecotoxicity	No ecological information is known on the product
Persistence and degradability	No persistent or cumulative effects were observed
Bioaccumulative potential	Does not bioaccumulate
Mobility in soil	No information available

Component information

No ecological information is available

13. DISPOSAL CONSIDERATIONS

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

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 (1999/45/EC)
To avoid risks to man and the environment, comply with the instructions for use.

In accordance with local and national regulations

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

Revision date: 15-Feb-2012

Prepared by: Regulatory Affairs Department.

End of Safety Data Sheet