



EU MATERIAL SAFETY DATA SHEET

91/155/EWG

02.2010

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1. Substance, Composition and Company Information

Trade name: **PluriBioLith 5-S**

Supplementary compound for the optimisation of the biogas yield

Company: **Dr. Lucà & Partner Ingenieurkontor GmbH**

Telefon: **+49/030/457989680**

Fax: **+49/030/457989689**

Email: **info@dr-luca.com**

2. Composition/Components Information

Trace elements compound, proteins, inorganic salts, buffer substances

3. Possible Hazards

Hazard Symbol: Xn (harmful for the health)

R-Ratings: R42

The use of this product is not harmful for the health if properly applied. Prolonged contact with the skin can provoke slight irritations.

Our compounds have been rendered dust-free by a special process.

4. First Aid Measures

Remove soiled clothing

After skin contact: rinse with ample water

After eye contact: rinse with ample water for 15 minutes (eye-bath)

After swallowing: rinse mouth immediately and drink ample water,

5. Measures against Fire

Protection and fire and explosion: no special requirements

Suitable means of extinguishing: Water, Protein Foam

Unsuitable means of extinguishing: -

6. Measures against Accidental Exposure

Rinse product with ample water.

7. Handling and Storage

Avoid contact with skin and eyes

Protection against fire and explosion: not required

Storage: store in a cool place, storable for 12 months at max 25°C. Protect against heat.

8. Exposure Limits and Personal, Protective Clothing and Equipment

Components with threshold values that require monitoring: none

Work hygiene: avoid contact with skin and eyes. Wash hands before breaks and on when finishing work. Do not eat or drink while working. Keep product away from food and beverages.

Protective gloves: yes (recommended)

Goggles: yes (recommended)



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Managing Director: Dr. rer. oec. Marcello H. M. Lucà

HR 45942 Amtsgericht Berlin Charlottenburg • Ust.-Ident.-Nr.: DE155530778 • Steuer-Nr. 29/507/03677

Bankers: Deutsche Bank AG, Privat- und Geschäftskunden AG, Investment & FinanzCenter, 10883 Berlin, Germany,

Local account no. 1906064 00, Local bank code: 100 700 24 • IBAN: DE48 1007 0024 0190 6064 00 • SWIFT-BIC: DEUTDE33HAN



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9. Physical and chemical properties

Form: solid	Ignition temperature: not applicable
Colour: white to yellowish	Steam pressure(20°C): not applicable
Odour: product specific (none)	Pouring density (g/ml): 0.55-0.75
Solidification temperature: not applicable	Water solubility (20°C): readily soluble
Flaming point: not applicable	pH Value (10 g/Litre, cold]: 6.00-8.00

10. Stability and Reactive Properties

Stability: no decomposability in area of application
Hazardous reactions and degraded products: none
Substances to be avoided: none

11. Toxicological Data

Skin: slight allergic irritation possible
Eyes: slight irritation possible
The inhalation of the products aerosol and dust, which can be produced by improper use is harmful to health

12. Ecological Data

No impediment to the biodegradability of activated sludge in purification plants
Biodegradability: >90% biodegradable (OECD: readily biodegradable)
Grading: not harmful to the environment(EU Guideline)
Water Hazard Class: 1, slightly water-hazardous (own grading)

13. Disposal

Product: in compliance with official, local regulations. Large quantities are returnable

14. Transportation

Non-hazardous good
GGVSee/IMDG-Code: -- UN-No.: -- MFAG: -- EmS: --
GGVE/GGVS: Kl. -- Zi. -- RID/ADR.: Kl. -- Zi. --
ADNR: Kl. -- Zi. -- Kat. -- ICAO/IATA-DGR: --

15. Regulations

Marking according to EU Regulations and Guidelines:

Xn	harmful to health
S23	Aerosol must not be inhaled
S24	Avoid skin contact
S36/37/39	Wear suitable protective clothing, gloves and goggles while in use

16. Further Information

This information applies to the product **PluriBioLith 5-S**

It does not constitute a properties guarantee and does not apply to any subsequent products possibly deriving therefrom.



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