



Manufactured By: Medicago AB

Narcissus pseudonarcissus (NPA/NPL)

REVISION DATE: 2010-04-26

MATERIAL SAFETY DATA SHEET

Narcissus pseudonarcissus (NPA/NPL)

1. Identification of the substance/preparation and of the company/undertaking

Product Name: Narcissus pseudonarcissus lectin (Daffodil)
Product Number A05-0119
Manufacturer: Medicago AB
Danmark Berga
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2. Composition/information on ingredients

Substance Name	CAS #	EC no.:	Symbol:	R-phrases:	S-phrases:
Lectin from Narcissus pseudonarcissus (Daffodil)	N/A	N/A	N/A	N/A	N/A

3. Hazards identification

Caution: The physical, chemical, and toxicological properties of this product have not been thoroughly investigated. Exercise due care.

4. First-aid measures

Inhalation: If inhaled, move to fresh air. If breathing becomes difficult give mouth-to-mouth resuscitation and seek medical advice.
Skin contact: In case of contact, immediately wash skin with soap and large amounts of water. Remove contaminated clothing and shoes. Seek medical advice.
Eye contact: In case of contact, immediately flush eyes with large amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Seek medical advice.
Ingestion: If swallowed, rinse mouth with water. Seek medical advice.

5. Fire-fighting measures

Flammability of the product: N/A
Extinguishing media: Water spray, Carbon dioxide, dry chemical powder or appropriate foam.
Firefighter protective clothing: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. Accidental release measures

Personal precautions: Safety goggles. Full suit. Wear suitable respiratory equipment. Boots. Gloves.
Spill and leak: Use appropriate tools to put the solid in a convenient waste disposal container. Clean the contaminated surface carefully and ventilate the area.

7. Handling and storage

- Handling:** Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk; evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.
- Storage:** Store at 2-8 °C in tightly closed container. Use original container. Extended stability when stored at -20 °C

8. Personal protection/exposure controls



Protective clothing:

Personal protective equipment: Safety goggles, gloves, wear suitable respiratory equipment and lab coat.

Engineering measures: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Hygiene measures: Wash hands after handling compounds and before eating, smoking and using lavatory.

9. Physical and chemical properties

Physical state:	Lyophilized powder
Colour:	White
Molecular Weight:	26 kDa
pH:	N/A
Melting point:	N/A
Freezing point:	N/A
Flash point:	N/A
Solubility:	N/A
Oxidizing properties:	N/A
Water content:	N/A
Explosive properties:	Risk of explosion of the product in presence of mechanical impact: N/A Risk of explosion of the product in presence of static discharge: N/A

10. Stability and reactivity

Stability:	Stable.
Conditions to avoid:	Azidic pH
Hazardous decomposition products:	Carbon monoxide, carbon dioxide, nitrogen oxides

11. Toxicological information

Acute toxicity: N/A

Irritation and corrosion: N/A

Allergenic characteristic: May cause allergic reactions to sensitive persons after repeated exposure

Potential effects on health:

- Can cause irritation of the skin by exposure
- Inhalation can be dangerous or cause irritation in the respiratory tract.
- Can be poisonous if consumed
- Can cause irritation of the eyes.

12. Ecological information

Ecotoxicity: N/A
Toxicity of the products of biodegradation: N/A

13. Disposal considerations

Product: Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Packaging: Recycle

14. Transport information

RID/ADR: N/A
IMDG: N/A
IATA: N/A
Special provisions for transport: N/A

15. Regulatory information

EU Regulations

Classification: N/A
Risk Phrases: N/A
Safety Phrases: N/A

US Federal Regulations

TSCA: No products were found.
HCS Classification: Not controlled under the HCS (United States).

16. Other information

Precautions and Disclaimer: For laboratory use only. Not for drug, household or other uses.

Notice to reader

To the best of our knowledge, the information given is accurate. However, we do not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.