

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

Product name:	BOLTORN W3000
Application of the substance:	Development product
Supplier:	Polymer Factory AB Kristinedalsvägen 48 SE-131 46 Nacka, Sweden www.polymerfactory.com
Further information obtainable from:	Polymer Factory AB (as above)
Information in case of emergency:	(Int.) +46 8 337043 (Emergency Response Center, Sweden)

2. Composition/information on ingredients

Chemical components	Amphiphilic dendritic polyester (Mw >2000 g/mol)	70-100%
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3. Hazards identification

Hazard description: Not classified.

Information concerning particular hazards for human and environment.

The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparation of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4. First aid measures

General information:	Take affected persons out into the fresh air.
After inhalation:	Supply fresh air; consult a doctor in case of complaints.
After skin contact:	Wash with water and soap and rinse thoroughly.
After eye contact:	Rinse opened eye under running water.
After swallowing:	If you feel unwell consult doctor.

5. Fire fighting measures

Suitable extinguishing agents:	Use fire extinguishing methods suitable to surrounding conditions. CO ₂ , powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Protective equipment:	Wear self-contained respiratory protective device.

6. Accidental release measures

Person-related safety precautions:	Wear protective equipment. Keep unprotected persons away.
Measures for environmental protection:	Do not allow to enter sewage system or any water course.
Measures for cleaning/collecting:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders) Pick up mechanically.

Additional information: No dangerous substances are released.

7. Handling and storage

Information for safe handling: No special measures required.

Information about fire - and explosion protection: No special measures required

Storage:

Requirements to be met by storerooms and containers: Not special requirements.

Information about storage in one common storage facility: Not required.

8. Exposure controls / personal protection

Additional information about design of technical facilities: No further data, see item 7.

Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

Personal protective equipment:

- **General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.

Protection of hands The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material:** The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling.

9. Physical and chemical properties

General information:

Form (aggregation form): Fluid
Colour: Beige
Odour: Characteristic

Change in condition:

Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

Flash point: Not applicable
Self-igniting: The product is not self-igniting.
Danger o explosion: Product does not present an explosion hazard.
Density at 20 °C: 1060 kg/m³

Solubility in/miscibility with H₂O: Partly miscible.

pH-value at 20 °C: 3-5

Partition coefficient (n-octanol/water): Not determined



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Viscosity

- Dynamic at 23 °C

30 Pas

10. Stability and reactivity

Stability: Product is stable.

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications

Dangerous reactions:

No dangerous reactions known

· **Dangerous decomposition products:**

No dangerous decomposition products known

11. Toxicological information

Acute toxicity:

Primary irritant effect:

· **on the skin:**

No irritating effect.

· **on the eye:**

No irritating effect.

· **Sensitization:**

No sensitizing effects known.

· **Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us. The substance is not subject to classification according to the latest version of the EU lists.

12. Ecological information

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. Disposal consideration

Product

Recommendation: Smaller quantities can be disposed of with household quantities.

European waste catalogue

07 00 00 wastes from organic chemical processes

07 01 00 wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals

07 01 99 wastes not otherwise specified

Recommendation:

Disposal must be made according to official regulations

14. Transport information

Land transport ADR/RID (cross-border)

· **ADR/RID class:** -

Maritime transport IMDG:

· **IMDG Class:** -

Air transport ICAO-TI and IATA-DGR:

· **ICAO/IATA Class:** -

Transport/additional information:

Not dangerous goods according to the above specifications.



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According to 2001/58 - English version
Material Safety Data Sheet
valid from 2008-04-19

15. Regulatory information

Labeling according to EU guidelines:

The substance is not subject to classification according to EU lists.
Observe the general safety regulations when handling chemicals.

16. Other information

This Safety Data Sheet is not a Product Specification. It is based on our present knowledge and experience and it is intended to serve as a guide for safe handling of the product regarding to health environmental aspects.

Department issuing SDS: PF Product development, Polymer Factory Sweden AB.

HISTORY

Press date	2008-04
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Date for similar version	-
Version:	1

Summarized by: Eva Malmström