

geniaLab MSDS ref. no. **040302-G**

substance **geniaFoam[®]**

version Global

date approved **February 16th, 2005**

This document has been prepared to meet the requirements of the EU directive, 91/155/EEC and other regulatory requirements.

0 Introduction

geniaFoam[®] is a registered trade mark of geniaLab[®] GmbH (reg. no. 30362389.6). The below information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It is expressly declared that geniaFoam[®] is a recently developed product with a very restricted circulation.

1 Identification of the preparation and company

Identification of the preparation:

The substance is labeled with geniaFoam[®] in addition to geniaLab's name. Further information regarding sizes or application instructions might be given.

Company:

geniaLab[®]BioTechnologie – Produkte und Dienstleistungen GmbH
Büchnerstraße 7
38118 Braunschweig
GERMANY
Telefon +49-531-129998-0
e-mail emergency@geniaLab.com

2 Information on the ingredients

geniaFoam[®] consists of a polyurethane (PU) foam core covered with a hydrogel layer based on ethenol homopolymer.

For the U.S.: The material can be considered as a mixture under TSCA. The foam from polyurethane (CAS-no. 9009-54-5) serves as an inert carrier material. The hydrogel contains 4 to 12 % (w/w) of ethenol homopolymer (CAS-no. 9002-89-5) and water.

3 Hazards identification

Particular danger to man and environment are not expected according to present knowledge.

4 First aid measures

After eye contact: Rinse opened eye with water.

5 Fire-fighting measures

The product is not combustible in the usual wet state. If combusted after drying:

Extinguishing media: Water spray, carbon dioxide, dry powder.

Special risks: Specific hazard(s): Emits toxic fumes under fire conditions.

Special equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire hazards: Once ignited, the dry material can produce rapid flame spread, intense heat, dense smoke and toxic gases. Can turn into burning liquid which can drip and flow.

6 Accidental release measures

No special precautions to take.

7 Handling and storage

No special precautions to take.

8 Exposure controls, personal protection

No special precautions to take.

9 Physical and chemical properties

density: (hydrogel layer) 1.0 ... 1.1 kg/L

melting point: (hydrogel layer) 60 ... 70°C (140 ... 160 F)

10 Stability and reactivity

Stability: stable

Conditions to avoid: Strong acids and alkalis may deteriorate foam properties, temperatures above approx. 60°C (140 F) will result in melting of the hydrogel layer and irreversible destroy the hydrogel layer.

Hazardous decomposition products: Combustion, hot wire cutting, heat sealing, hot stamping and flame laminating operations of foam may produce carbon monoxide, oxides of nitrogen and traces of isocyanates and hydrogen cyanide.

11 Toxicological information

No toxicological tests were done yet.

12 Ecological Information

No detailed studies were done on the product yet.

13 Disposal considerations

All federal, state, and local environmental regulations have to be observed.

14 Transport information

No special regulations for the transport do apply. The product is non-hazardous for ground, sea and air freight.

15 Regulatory information

According to EU directive 88/379/EEC, Annex 1, no risk classification applies to the product preparation based on the risk classifications and contents of the single compounds.

16 Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. geniaLab GmbH shall not be held liable for any damage resulting from handling or from contact with the above product. See additional terms and conditions of sale.

The product is for R&D use only. Not for drug, household or other uses.

Department issuing sheet: Product development

Contact: Dr. Peter Wittlich
phone +49-531-129998-0
fax +49-531-129998-200
email peter.wittlich@geniaLab.com