

E.C. Material Safety Data Sheet according to

VO (EG) 1907/2006 for the liquid

Trade name:

Demotec Futura Pad
- Special glue -

Demotec®

Revision: 1 dated 01.03.2005
Printing date: 14.07.2005
Seite: 1 of 4

1. Identification of substance, preparation and company

Product specifications

Trade name:

Demotec FuturaPad – Special glue

Use/purpose:

Special glue of the Demotec FuturaPad set for medical treatment of bovine lameness.

Manufacturer/supplier:

Company
Demotec
Siegfried Demel
Brentanostrasse 22
D-61130 Nidderau
Tel.: +49 (6187) 905670

Information centre in the case of poisoning

Toxic/poison information centre in Berlin/Germany
Tel.: +49-30-30686 790

2. Hazards possibilities

Irritating to eyes, respiratory system and skin.



Specific risk for

humans and the environment: Cyanacrylate. Bonds skin and eye lids within seconds.

3. Composition / information on ingredients

Chemical characterization

Adhesive based on cyanacrylates.

Hazardous ingredients ethyl-2-cyanacrylate

EC no.	230-391-5
Index no.	607-236-00-9
CAS no.	7085-85-0
Concentration	> 10 Gew%
Hazard symbols	Xi
R phrases	36/37/38

4. First aid measures

After inhalation:	Remove into fresh air. In case of discomfort seek medical advice.
After skin contact:	After contact with skin wash immediately with plenty of soap and water.
After eye contact:	After contact with eyes rinse with plenty of water. In the case of continuing discomfort seek medical treatment.
After swallowing:	Seek medical treatment immediately.
Advice to medical	
Symptoms:	Shortness of breath
Treatment:	In case of pulmonary irritation treat initially with dexamethasone metered-dose aerosol.

E.C. Material Safety Data Sheet according to 93/112 EEC

and 91/155 EEC

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Seite: 2 of 4**5. Firefighting measures****Suitable extinguishing media**

Foam; Dry powder; alcohol-resistant foam; Carbon dioxide; Water spray jet

Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gasesFire gases of organic materials have to be classed invariably as respiratory poison. In the event of fire the following substances can be released: Carbon dioxide (CO₂), Nitrogen oxides (NO_x)**Special protective equipment for firefighting**

Firefighting operations, rescue and clearing work under effect of combustion and smoulder gases must be carried out with breathing apparatus.

6. Accidental release measures**Personal precautions:**

Ensure adequate ventilation.

Environmental precautions:

Do not discharge into the drains or water bodies.

Methods for cleaning / absorption:

Absorb with liquid absorbent material (e.g. sand, diatomaceous earth, sawdust, universal absorbents).

7. Handling and storage**Handling****Advice on safe handling:**

Ensure thorough room ventilation, if necessary suck off at workplace. Open and handle container carefully.

Advice on protection against fire and explosion:

Keep away from sources of ignition – no smoking.

Classification of fires: B**Storage****Requirements for storage rooms and vessels:**

Keep in tightly closed original container.

Hints on storage assembly:

Do not store with alkalies.

Further information on storage conditions:

Keep container tightly closed and store at cool and well ventilated place.

VCI storage category: 10

8. Exposure controls / personal protection**Ingredients with limit values related to the place of work which require monitoring: N O N E****Personal protective equipment****Respiratory protection:**

In the case of insufficient ventilation wear respiratory protection. Short term: filter apparatus, filter B.

Hand protection:

Synthetic rubber gloves (e.g. made of polyurethane)

Eye protection:

Safety goggles

Body protection:

Light protective clothing

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8. Exposure controls / personal protection – continuation -**General protective and hygiene measures**

Avoid contact with eyes and skin. At work, do not eat, drink, smoke or take drugs.
Wash hands before breaks and after work. Use barrier skin cream.

9. Physical and chemical properties**Appearance**

Form	liquid
Colour	colourless to slightly yellowish
Odour	characteristic, pungent

Data relevant to security**Changes in physical state**

Boiling point	> 200 °C	
Flash point	87 °C	DIN 51758
Density	1,05-1,09 g/cm ³	at 20 °C
Viscosity dynamic	2 - 20.000 mPa*s (thixotropic)	at 25 °C
solubility in water	almost insoluble	

10. Stability and reactivity**Materials to avoid:**

Reactions with oxidising agents. Reactions with water. Reactions with alkalies. Reactions with amines.

Hazardous decomposition products:

No hazardous decomposition products known.

Other information:

Polymerization under development of heat.

11. Toxicological information**Irritant effect on skin:**

Irritant (Species rabbit)

Irritant effect on eye:

Irritant (Species rabbit)

Experiences:

Sensitization through inhalation possible. Irritating to mucous membranes.

12. Ecological information**General information / ecology:**

Do not discharge product unmonitored into the environment.

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13. Disposal considerations**Product****Waste number / waste code:** 08 04 06

Glues, adhesive and sealant substances which do not contain any halogenated solvents

Recommendation: Must be disposed of in accordance with the regulations on special waste following local regulations.**Uncleaned packaging****Recommendation:** Packaging has to be disposed of in the same way like the product itself. A cleaning of the full or remnant emptied package is not recommended.**14. Transport information****Other information:** No hazardous material as defined by the transport regulations.**15. Regulatory information****Labelling in accordance with EC Directives 67/548/EEC**

The product requires labelling.

Hazard symbols

Irritant

R phrases

36/37/38

Irritating to eyes, respiratory system and skin.

S phrases

(2-)

Keep out of the reach of children

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Do not breathe vapour

24/25

Avoid contact with skin and eyes

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In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Special labelling in accordance with EC Directive 1999/45/EC

Cyanoacrylate! Danger! Bonds skin and eyelids in seconds. Keep out of reach of children.

National regulatory information**Regulation concerning flammable liquids (VbF):** VbF Class AIII**Water hazard class:** Class 1 (Source self-assessment according to VwVwS)**16. Other information****Substitute detection / substitute proof:**

Not possible because the product was developed especially for this purpose and use.