Safety Data Sheet

according to 1907/2006/EC

PLANATOL WETZEL

Product: **EM 70**

1. Identification of substance / preparation / company

1.1 Name of product:

EM 70
Item No.: 063400

1.2 Application of substance / preparation:
Adhesive

1.3 Company

Planatol Wetzel GmbH
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Information for emergency cases: Infraserv Höchst
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2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) Nr. 1272/2008:
Not classified as hazardous

Classification according to Directive 67/548/EEC or Directive 1999/45/EC:
Not classified as hazardous

2.2 Label elements

Labelling according to Regulation (EC) Nr. 1272/2008:
Not classified as hazardous

Labelling according to Directive 67/548/EEC or Directive 1999/45/EC:
Not classified as hazardous

2.3 Other hazards:

Not applicable.

3. Composition / Information on components

3.1 Chemical characterization (preparation):

Aqueous adhesive dispersion

Base: Polyvinyl acetate

3.2 Hazardous ingredients: Not applicable

CAS-No.:	Designation	%	Symbol	H-Phrases
27138-31-4	Dipropylene glycol dibenzoate	< 2,5%	Aquatic Chronic 3	412

4. First aid measures

4.1 General information:

4.2 Inhalation:

No special measures required

4.3 Skin contact:

In case of contact with skin wash off immediately with soap and water.

4.4 Eye contact:

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

4.5 Ingestion:

Rinse out mouth with water. Drink large quantities of water. Consult a doctor.

5. Fire-fighting measures

5.0 General information

Not applicable - coordinate extinction activities with surrounding fire.

5.1 Suitable extinguishing material:

5.2 Extinguishing material that must not be used for safety reasons:

5.3 Special exposure hazards extinguishing from the substance or preparation itself, combustible products or resulting gases:

In the event of fire the following can be released: Carbon monoxide (CO).

5.4 Special protective equipment for fire-fighters:

Use self-contained breathing apparatus

5.5 Additional information:

No fire danger will result from the dispersion.

6. Accidental release measures

6.1 Personal precautions:

6.2 Environmental precautions:

Do not allow product or large quantities of washing water to reach sewage systems or any water course.

6.3 Methods for cleaning up/taking up:

Absorb higher quantities mechanically and residues by means of liquid binding material (sand, sawdust etc.).

7. Handling and storage

7.1 Handling:

Advice on safe handling:

No special measures necessary if used correctly.

Advice on protection against fire and explosion:

No special measures necessary if used correctly.

7.2 Storage:

Requirements for storage rooms and vessels:

Store cool but frost-free. Do not leave containers open.

Advice on storage compatibility:

Not applicable

8. Exposure controls / personal protection

8.1 Additional advice on system designs:

See item No.: 7

8.2 Ingredients with occupational exposure limits:

Material	CAS-No.	Code	Value

8.3 Personal protection equipment:

Respiratory protection:	Not required	**Eye protection:**	Protective goggles
Hand protection:	Rubber gloves (nitrile rubber)	**Body protection:**	Normal work wear

8.4 General measures of protection and hygiene:

Observe the usual care for handling chemicals.

9. Physical and chemical properties

9.1 Appearance:

Form:	liquid
Colour:	white
Odour:	weak

9.2 Data relevant for safety:

Melting point/melting range:		°C	
Boiling temperature:	**at 1013 hPa**		
Flash point:		Not applicable	
Ignition temperature:		Not applicable	
Explosion limits:			
upper:		Not applicable	
lower:		Not applicable	
Vapour pressure:	**20°C**	24 hPa	
Density:	**20°C**	1,03 g/cm³	**ISO 8962**
Solubility in water:		miscible	
pH-value:	**23°C**	ca. 8	**DIN 53 785**
Viscosity (Rheostress 600)	**20°C**	ca. 20.000 mPas	**ISO 3219**

10. Stability and reactivity

10.1 Conditions to avoid:

10.2 Substances to avoid:

No hazardous reactions known.

10.3 Hazardous decomposition products:

No decomposition in case of storage and use in accordance with intended application.

11. Toxicological information

11.1 Toxicological tests:

No data known

11.2 Experience made in practice:

Frequent persistent contact with the skin can cause skin irritation.

11.3 Additional information:

According to our present knowledge, no harms are to be expected in case of appropriate use.

12. Ecological information

12.1 Notes on elimination:

The product may be collected mechanically.

12.2 Ecotoxicity:

No data available

12.3 Mobility:

No data available

12.4 Persistence and degradability:

No data available

12.5 Bioaccumulative potential:

No data available

12.6 Results of PBT assessment:

No data available

12.7 Other adverse effects:

No data available

12.8 Further ecological information:

Class of water hazard (Nat. Regulations): WGK 2

13. Disposal considerations

13.1 Product:

Liquid residues should be dried and disposed of as hazardous waste, whereas dried residues could be disposed as domestic waste. Passing of diluted quantities into sewage treatment plants only upon previous approval by competent authorities.

Waste key code:

According to the European waste listing (Europäischer Abfallkatalog EAK), no waste key code can be determined as such a code depends on the individual application of the product by its user. The national and local legal guidelines are to be observed.

13.2 Contaminated packaging

Contaminated packaging should be emptied as far as possible and may be taken for reuse after appropriate cleaning.

14. Transport information

14.1 Regulations:

Land transport:	**ADR / RID / GGvS / GGvE**	No dangerous goods
Inland waterway transport:	**ADN / ADNR**	No dangerous goods
Marine transport:	**IMDG / GGvSee-Code**	No dangerous goods
Air transport:	**ICAO / IATA-DGR**	No dangerous goods
Further information:	**Postal dispatch**	Admissible

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Does not require a hazard warning label.

Class of water hazard (Nat. Regulations): WGK 2

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

16. Further notes

These indications are based on the state of our present knowledge and describe exclusively the security requirements of the product; they do not represent any assurance of qualities in the sense of legal warranty regulations.

Existing laws and regulations should be observed by consignee of product under his own responsibility.

Section responsible for issuing of data sheets; Laboratory Dept. / Application Technology Planatol Wetzel GmbH.

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