

Material Safety Data Sheet

according to 2001/58/EC



Product name : Apesin Vet
Revision : 24.11.2005 **Version :** 1.1.0
Print date : 12.06.2006

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

Product name:

Apesin Vet (61060)

Use of the substance / preparation

Disinfectant for professional application in industry and trade

Manufacturer/Supplier

Tana - Chemie GmbH

Street/P.O.Box

Ingelheimstr. 1 - 3

Country code/Postal code/Town/City

D - 55120 Mainz

Telephone / Telefax

06131 / 964 - 03 / 06131 / 964 - 2414

Emergency information

06131 / 23 24 66

02. Composition/information on ingredients

Hazardous components

ETHANE-1,2-DIONE ; EC-No. : 203-474-9 ; CAS-No. : 107-22-2

Percentage : 5 - 15 %

Classification : Muta. Cat.3 ; R 68 R 43 Xn ; R 20 Xi ; R 36/38

DIDECYLDIMETHYLAMMONIUM CHLORIDE ; EC-No. : 230-525-2 ; CAS-No. : 7173-51-5

Percentage : 5 - 15 %

Classification : C ; R 34 Xn ; R 22

FATTY ALCOHOL, ETHOXYLATED

Percentage : 1 - 5 %

Classification : Xi ; R 41 Xn ; R 22

FORMALDEHYDE ; EC-No. : 200-001-8 ; CAS-No. : 50-00-0

Percentage : 1 - 5 %

Classification : T ; R 23/24/25 C ; R 34 Carc. Cat.3 ; R 40 R 43

PROPAN-2-OL ; EC-No. : 200-661-7 ; CAS-No. : 67-63-0

Percentage : 1 - 5 %

Classification : F ; R 11 Xi ; R 36 R 67

GLUTARDIALDEHYD ; EC-No. : 203-856-5 ; CAS-No. : 111-30-8

Percentage : 1 - 5 %

Classification : N ; R 50 T ; R 23/25 C ; R 34 R 42/43

METHANOL ; EC-No. : 200-659-6 ; CAS-No. : 67-56-1

Percentage : 1 - 5 %

Classification : F ; R 11 T ; R 39/23/24/25 T ; R 23/24/25

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03. Hazards identification

Hazard designation

Harmful by inhalation, in contact with skin and if swallowed · Causes burns · Limited evidence of a carcinogenic effect · May cause sensitisation by inhalation and skin contact · Possible risk of irreversible effects

Classification : Xn ; R 20/21/22 · C ; R 34 · Carc. Cat.3 ; R 40 · R 42/43 · Muta. Cat.3 ; R 68

Particular information pertaining specific risk for human and environment

The product is water polluting.

04. First aid measures

General

Please note safety instructions and directions for use on the drum. Immediately remove all contaminated clothing. Symptoms of poisoning appear mostly after several hours. In all cases of doubt, or when symptoms persist, seek medical attention.

After inhalation

Let in fresh air. Call a physician. In case of unconsciousness: recumbent position and transportation in stable lateral position.

After skin contact

Wash away with soap and water and rinse.

After eye contact

Flush with plenty of water (10 - 15 min.). Checking by ophthalmologist.

After ingestion

Drink plenty of water. Do not induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

05. Fire-fighting measures

Suitable extinguishing media

Carbon dioxide. Extinguishing powder. Alcohol resistant foam. Water spray jet.

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In case of fire toxic gases may be formed.

Special protective equipment for fire-fighters

In case of fire do not breathe fumes When extinguishing fires, use breathing apparatus with an independent source of air.

Additional information

Do not allow the quenching water into the sewage system.

06. Accidental release measures

Personal precautions

Refer to protective measures listed in sections 7 and 8. Wear protective equipment. Keep away unprotected persons. Provide for sufficient ventilation. Do not breathe vapours.

Environmental precautions

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations. Dilute with large quantities of water.

Methods for cleaning up

Provide for sufficient ventilation. Take up with liquid absorbing material (sand, kieselguhr, sawdust). Dispose of contaminated material as waste acc. section 13.

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07. Handling and storage

Information for safe handling

Normal precautions taken when handling chemicals should be observed. Provide for fresh air ventilation. Avoid formation of spray clouds. Vapours are heavier than air and may spread along floors. Comply with the health and safety at work laws.

Information about protection against explosions and fires

No particular precautionary measures required.

Requirements to be met by storerooms and containers

Store only in the original container.

Information about separation of incompatible products

Store separately from foodstuffs.

Further information about storage conditions

Store containers tightly closed in a cool well ventilated place.

08. Exposure controls / personal protection

Components with critical values that require monitoring at the workplace (exposure limits)

The product does not contain relevant amounts of components with occupational exposure limits that require monitoring, exception(s) see below.

Personal protective equipment

General protective and hygiene measures

Keep away from food, drink and animal feeding stuff Immediately remove all contaminated clothing. Wash hands before breaks and after work. Avoid inhalation of fogs and vapours largely. Avoid contact with eyes, skin and clothing.

Respiratory protection

Breathing protection equipment required in inadequately ventilated places and during spraying.

Hand protection

Use protective gloves. (EN 374)

Eye protection

Use tightly fitting safety glasses.

Skin protection

Fully enclosed protective clothing.

09. Physical and chemical properties

Image

Form : Liquid.
Colour : Clear.
Odour : Soap-like.

Relevant safety data

Flash point :	>	63	°C
Density :	(20 °C)	ca.	1,05 g/cm ³
pH value :		ca.	3,2
Viscosity :	(20 °C)	ca.	20 mPa.s

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10. Stability and reactivity

Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

Materials to avoid

none known

Hazardous decomposition products

none known

11. Toxicological information

Additional toxicological information

The product was not examined. The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

12. Ecological information

Additional ecological information

General ecological information

Drinking water endangerment already when running out small quantities into the underground. Do not empty into waters or drains. The product was classified in ecotoxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

13. Disposal considerations

Substance/preparation

Recommendation

Do not empty into waters or drains. In accordance with local official regulations. Pass on to an appropriate incinerating plant or depository or recycling.

Waste key

07 06 99 The origin-referred waste key mentioned is a recommendation. Sometimes due to the different application type with the user another waste key number must be assigned.

Contaminated packaging

Recommendation

Give only completely empty packing to recycling. Water, if necessary with additive of detergents

14. Transport information

Land transport ADR/RID

Classification

Substance number : 1903

Proper shipping name

DISINFECTANT, LIQUID, CORROSIVE, N.O.S.

Hazardous components

DIDECYLDIMETHYLAMMONIUM CHLORIDE

Packaging

Packaging group : III

Label : 8

Maritime transport IMDG/GGVSea

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Classification

IMDG-Code : 8
UN number : 1903

Proper shipping name

DISINFECTANT, LIQUID, CORROSIVE, N.O.S.

Hazardous components

DIDECYLDIMETHYLAMMONIUM CHLORIDE

Packaging

Packaging group : III
Label : 8

Air transport ICAO-TI and IATA-DGR

Classification

Class : 8
UN number : 1903

Proper shipping name

DISINFECTANT, LIQUID, CORROSIVE, N.O.S.

Hazardous components

DIDECYLDIMETHYLAMMONIUM CHLORIDE

Packaging

Packaging group : III
Label : 8

15. Regulatory information

Classification according to EEC directives

Danger symbol and danger designation



C ; Corrosive

Hazard-determining components of labelling

ETHANE-1,2-DIONE ; CAS-No. : 107-22-2
DIDECYLDIMETHYLAMMONIUM CHLORIDE ; CAS-No. : 7173-51-5
FORMALDEHYDE ; CAS-No. : 50-00-0
GLUTARDIALDEHYD ; CAS-No. : 111-30-8

R-phrases

20/21/22 Harmful by inhalation, in contact with skin and if swallowed
34 Causes burns
40 Limited evidence of a carcinogenic effect
42/43 May cause sensitisation by inhalation and skin contact
68 Possible risk of irreversible effects

S-phrases

1/2 Keep locked up and out of the reach of children
7/9 Keep container tightly closed and in a well-ventilated place
23.3 Do not breathe vapour/spray.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

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- | | |
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| 27 | Take off immediately all contaminated clothing |
| 28.1 | After contact with skin, wash immediately with plenty of water. |
| 35 | This material and its container must be disposed of in a safe way |
| 36/37/39 | Wear suitable protective clothing, gloves and eye/face protection |
| 45 | In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). |

Special designation for certain preparations

16. Other information

Processing instructions / technical data sheets

GISBAU: GD 90

Further information

Relevant changes

13. Waste key

R-Phrases of components

- | | |
|-------------|---------------------------------------------------------------------------------------------------------------|
| 11 | Highly flammable |
| 20 | Harmful by inhalation |
| 22 | Harmful if swallowed |
| 23/24/25 | Toxic by inhalation, in contact with skin and if swallowed |
| 23/25 | Toxic by inhalation and if swallowed |
| 34 | Causes burns |
| 36 | Irritating to eyes |
| 36/38 | Irritating to eyes and skin |
| 39/23/24/25 | Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. |
| 40 | Limited evidence of a carcinogenic effect |
| 41 | Risk of serious damage to eyes |
| 42/43 | May cause sensitisation by inhalation and skin contact |
| 43 | May cause sensitisation by skin contact |
| 50 | Very toxic to aquatic organisms |
| 67 | Vapours may cause drowsiness and dizziness |
| 68 | Possible risk of irreversible effects |

Department issuing data sheet

Product development / product safety

Contact

Regulatory Affairs Department

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
