

Material Safety Data Sheet

according to 2001/58/EC



Product name : Apesin Combi DR
Revision : 04.04.2006 **Version :** 2.0.0
Print date : 12.05.2006

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

Product name:

Apesin Combi DR (61391)

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

Chemical characterization

Disinfecting cleaner based on quaternary ammonium compounds, surfactants

Hazardous components

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine ; EC-No. : 219-145-8 ; CAS-No. : 2372-82-9

Percentage : 5 - 9,99 %

Classification : N ; R 50 C ; R 35 Xn ; R 22

Fettalkohol, ethoxiliert

Percentage : 1 - 4,99 %

Classification : Xn ; R 22 Xi ; R 41

NITRILOTRIACETIC ACID, TRISODIUM-SALT ; EC-No. : 225-768-6 ; CAS-No. : 5064-31-3

Percentage : 1 - 5 %

Classification : Xn ; R 22 Xi ; R 36

ALKYL SULFATE, SODIUM SALT ; EC-No. : 204-812-8 ; CAS-No. : 126-92-1

Percentage : 1 - 4,99 %

Classification : Xi ; R 41 Xi ; R 38

CITRIC ACID ; EC-No. : 201-069-1 ; CAS-No. : 77-92-9

Percentage : 1 - 5 %

Classification : Xi ; R 36

03. Hazards identification

Hazard designation

Causes burns

Classification : C ; R 34

Material Safety Data Sheet

according to 2001/58/EC

Product name : Apesin Combi DR
Revision : 04.04.2006 **Version :** 2.0.0
Print date : 12.05.2006



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. In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

After skin contact

Wash away with soap and water and rinse.

After eye contact

Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.). Checking by ophthalmologist.

After ingestion

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

05. Fire-fighting measures

Suitable extinguishing media

Adapt extinguishing measures to suit the environment.

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.

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. Take necessary measures to avoid further spread of large quantities.

Methods for cleaning up

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

07. Handling and storage

Information for safe handling

Avoid contact with skin and eyes. Keep away from food, drink and animal feeding stuffs.

Requirements to be met by storerooms and containers

Store only in the original container. Keep away from frost. Recommended storage temperature: 20 °C.

Information about separation of incompatible products

Store separately from foodstuffs.

Material Safety Data Sheet

according to 2001/58/EC



Product name : Apesin Combi DR
Revision : 04.04.2006 **Version :** 2.0.0
Print date : 12.05.2006

Further information about storage conditions

Please note safety instructions and directions for use on the drum. Containers should be kept dry and sealed.

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

Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Keep away from food, drink and animal feeding stuff Avoid contact with eyes, skin and clothing. Immediately remove all contaminated clothing.

Respiratory protection

none

Hand protection

Handling of concentrate: Safety gloves made of polychloroprene; thickness of material: 0,65 mm. Handling of recommended solution for use: Safety gloves made of natural latex; thickness of material: 0,5 mm.

Eye protection

Use tightly fitting safety glasses.

09. Physical and chemical properties

Image

Form : Liquid.
Colour : Yellow.
Odour : characteristic

Relevant safety data

Flash point :			not applicable	°C
Density :	(20 °C)	ca.	1,043	g/cm ³
pH value :		ca.	9,5	

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).

Material Safety Data Sheet

according to 2001/58/EC



Product name : Apesin Combi DR
Revision : 04.04.2006 **Version :** 2.0.0
Print date : 12.05.2006

12. Ecological information

Details on elimination (persistence / degradability)

The surfactants used comply with the legal requirements concerning biodegradability.

Additional ecological information

General ecological information

The product was not examined. 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

In accordance with local official regulations. Pass on to an appropriate incinerating plant or depository or recycling. Hand over large quantities to special waste disposer. Hand over residues to special waste collector. Dispose not emptied can as special waste.

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

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium. Give only completely empty packing to recycling.

Recommended detergent

Water, if necessary with additive of detergents

14. Transport information

Land transport ADR/RID

Classification

Substance number : 1760

Proper shipping name

CORROSIVE LIQUID, N.O.S.

Hazardous components

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine · NITRILOTRIACETIC ACID, TRISODIUM-SALT

Packaging

Packaging group : II

Label : 8

Maritime transport IMDG/GGVSea

Classification

IMDG-Code : 8

UN number : 1760

Marine Poll. : -

Proper shipping name

CORROSIVE LIQUID, N.O.S.

Hazardous components

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine · NITRILOTRIACETIC ACID, TRISODIUM-SALT

Packaging

Material Safety Data Sheet

according to 2001/58/EC



Product name : Apesin Combi DR
Revision : 04.04.2006 **Version :** 2.0.0
Print date : 12.05.2006

Packaging group : II
Label : 8

Air transport ICAO-TI and IATA-DGR

Classification

Class : 8
UN number : 1760

Proper shipping name

CORROSIVE LIQUID, N.O.S.

Hazardous components

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine · NITRILOTRIACETIC ACID, TRISODIUM-SALT

Packaging

Packaging group : II
Label : 8

15. Regulatory information

Classification according to EEC directives

Danger symbol and danger designation



C ; Corrosive

Hazard-determining components of labelling

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine ; CAS-No. : 2372-82-9

R-phrases

34 Causes burns

S-phrases

1/2 Keep locked up and out of the reach of children
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
27/28.1 After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
25 Avoid contact with eyes

Special designation for certain preparations

16. Other information

Further information

All detergents must be kept away from children.

Relevant changes

15. S-phrases

R-Phrases of components

22 Harmful if swallowed
35 Causes severe burns
36 Irritating to eyes

Material Safety Data Sheet

according to 2001/58/EC



Product name : Apesin Combi DR
Revision : 04.04.2006 **Version :** 2.0.0
Print date : 12.05.2006

36 Irritating to eyes
38 Irritating to skin
41 Risk of serious damage to eyes
50 Very toxic to aquatic organisms

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.
