

Material Safety Data Sheet

according to 2001/58/EC



Product name : Apesin Rapid
Revision : 22.11.2005 **Version :** 1.1.0
Print date : 20.06.2006

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

Product name:

Apesin Rapid (61543)

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 and nonionic surfactants

Hazardous components

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

Percentage : 15 - 19,99 %

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

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

Percentage : 10 - 20 %

Classification : C ; R 34 Xn ; R 22

Fettalkohol, ethoxyliert

Percentage : 5 - 15 %

Classification : Xn ; R 22 Xi ; R 41

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

Percentage : 5 - 15 %

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

GUANIDINE, N,N''-1,3-PROPANDIYLBIS-, N-COCO-ALCYLDERIVATES, DIACETATES ; EC-No. : 288-198-7 ; CAS-No. : 85681-60-3

Percentage : 5 - 9,99 %

Classification : N ; R 50 C ; R 34 Xn ; R 22

03. Hazards identification

Hazard designation

Causes severe burns · Harmful if swallowed · Vapours may cause drowsiness and dizziness

Classification : C ; R 35 · Xn ; R 22 · R 67

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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. In all cases of doubt, or when symptoms persist, seek medical attention.

After skin contact

Flush away with water and rinse. When skin irritation persist, seek medical advice.

After eye contact

Flush with plenty of water (10 - 15 min.). Call a physician.

After ingestion

If swallowed, seek medical advice immediately and show this container or label.

05. Fire-fighting measures

Suitable extinguishing media

Foam, CO₂, powder extinguisher, water haze, water spray jet.

Extinguishing media which must not be used for safety reasons

Waterjet.

Additional information

Cool endangered containers with water in case of fire.

06. Accidental release measures

Personal precautions

Wear protective equipment. Keep away unprotected persons. Avoid contact with eyes and skin. Spilled product causes a particular danger of skidding.

Environmental precautions

Do not empty into waters, ground water and drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations. 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. Comply with the health and safety at work laws.

Information about protection against explosions and fires

Keep away from ignition sources - No smoking.

Requirements to be met by storerooms and containers

Recommended storage temperature: 20 °C. Store only in the original container. Keep container tightly closed, dry and in a cool place. Keep away from frost.

Information about separation of incompatible products

Store separately from foodstuffs.

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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.

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 safety glasses.

Environmental precautions

Pay attention to dosage instructions and directions for use.

09. Physical and chemical properties

Image

Form : Liquid.
Colour : Light yellowish.
Odour : perfumed

Relevant safety data

Flash point :		43 - 44	°C
Density :	(20 °C)	0,95 - 0,96	g/cm ³
pH value :		ca. 10,6	

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).

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12. Ecological information

Details on elimination (persistence / degradability)

The product is biodegradable. In case of appropriate conduction into adapted biological purification plants no disturbances have to be expected. 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

Hand over residues to special waste collector.

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.

14. Transport information

Land transport ADR/RID

Classification

Substance number : 1903

Proper shipping name

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

Hazardous components

DIDECYLDIMETHYLAMMONIUM CHLORIDE · N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine

Packaging

Packaging group : II

Label : 8

Maritime transport IMDG/GGVSea

Classification

IMDG-Code : 8

UN number : 1903

Marine Poll. : -

Proper shipping name

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

Hazardous components

DIDECYLDIMETHYLAMMONIUM CHLORIDE · N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine

Packaging

Packaging group : II

Label : 8

Air transport ICAO-TI and IATA-DGR

Classification

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Class : 8
UN number : 1903

Proper shipping name

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

Hazardous components

DIDECYLDIMETHYLAMMONIUM CHLORIDE · N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine

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

DIDECYLDIMETHYLAMMONIUM CHLORIDE ; CAS-No. : 7173-51-5

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

GUANIDINE, N,N"-1,3-PROPANDIYLBIS-, N-COCO-ALCYLDERIVATES, DIACETATES ; CAS-No. : 85681-60-3

R-phrases

35 Causes severe burns
22 Harmful if swallowed
67 Vapours may cause drowsiness and dizziness

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
13 Keep away from food, drink and animal feedingstuffs

Special designation for certain preparations

Additional information

Exception according to annex VI, 2.2.5 of the directive 67/548/EEC

16. Other information

Further information

Relevant changes

12. Details on elimination (persistence / degradability) · 13. Waste key

R-Phrases of components

11 Highly flammable
22 Harmful if swallowed

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22 Harmful if swallowed
34 Causes burns
35 Causes severe burns
36 Irritating to eyes
41 Risk of serious damage to eyes
50 Very toxic to aquatic organisms
67 Vapours may cause drowsiness and dizziness

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.
