

Material Safety Data Sheet

according to 2001/58/EC



Product name : Apesin AP 100
Revision : 22.11.2005 **Version :** 1.2.0
Print date : 05.04.2006

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

Product name:

Apesin AP 100 (61595)

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 magnesium-mono-peroxy-phthalate

Hazardous components

MAGNESIUM-MONO-PEROXY-PHTHALATE ; EC-No. : 279-013-0 ; CAS-No. : 78948-87-5

Percentage : 60 - 80 %

Classification : Xi ; R 41 Xi ; R 37/38

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; EC-No. : 270-115-0 ; CAS-No. : 68411-30-3

Percentage : 15 - 24,99 %

Classification : Xn ; R 22 Xi ; R 38 Xi ; R 41

sodium toluenesulphonate ; EC-No. : 235-088-1 ; CAS-No. : 12068-03-0

Percentage : 1 - 4,99 %

Classification : Xi ; R 41

03. Hazards identification

Hazard designation

Risk of serious damage to eyes · Irritating to respiratory system and skin

Classification : Xi ; R 41 · Xi ; R 37/38

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.

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After inhalation

Call a doctor, should the air passages be affected.

After skin contact

Wash away with soap and 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

Sand, foam, CO₂, dry extinguisher.

Extinguishing media which must not be used for safety reasons

Waterjet.

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

In case of fire liberates oxygen.

Special protective equipment for fire-fighters

When extinguishing fires, use breathing apparatus with an independent source of air.

Additional information

Cool endangered containers with water in case of fire. Avoid warming and contact with organic material.

06. Accidental release measures

Personal precautions

Wear protective equipment. Keep away unprotected persons. Avoid contact with eyes and skin.

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 mechanically. Do not use a dry brush as dust clouds can be created.

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

No particular precautionary measures required.

Requirements to be met by storerooms and containers

Recommended storage temperature: 20 °C. Keep container tightly closed, dry and in a cool place. Make sure that ventilation is adequate.

Information about separation of incompatible products

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials. Protect from sunlight and heat. 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 inhalation of dust.

Respiratory protection

Avoid inhaling the powder.

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: 0,4 mm.

Eye protection

Use safety glasses.

Environmental precautions

Pay attention to dosage instructions and directions for use.

09. Physical and chemical properties

Image

Form : Granular material.

Colour : White.

Odour : Odourless.

Relevant safety data

Lower explosion limit :	69	g/m ³
Bulk density:	525	kg/m ³
pH value :	(20 °C / 10 g/l)	5 - 6

10. Stability and reactivity

Conditions to avoid

Decomposition at 90 °C and oxidation in the presence of organic material. Formation of ignitable dust at a sufficient concentration.

Materials to avoid

Reactions with combustible materials possible. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Hazardous decomposition products

none known

Further information:

SADT (self-accelerating decomposition temperature): 90 °C

11. Toxicological information

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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

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

Additional transport information

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

15. Regulatory information

Classification according to EEC directives

Danger symbol and danger designation



Xi ; Irritant

Hazard-determining components of labelling

R-phrases

41 Risk of serious damage to eyes
37/38 Irritating to respiratory system and skin

S-phrases

2 Keep 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
46 If swallowed, seek medical advice immediately and show this container or label.
28.1 After contact with skin, wash immediately with plenty of water.

