

# Material Safety Data Sheet

according to 2001/58/EC



**Product name :** Apesin DSR 60  
**Revision :** 12.10.2006      **Version :** 1.1.0  
**Print date :** 12.10.2006

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

### **Product name:**

Apesin DSR 60 (61586)

### **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

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## **02. Composition/information on ingredients**

### **Chemical characterization**

Disinfecting sanitary cleaner based on inorganic and organic acids, surfactants

### **Hazardous components**

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

Percentage : 5 - 15 %

Classification : Xi ; R 36

PHOSPHORIC ACID ; EC-No. : 231-633-2 ; CAS-No. : 7664-38-2

Percentage : 5 - 15 %

Classification : C ; R 34

OLEFINSULFONATE, SODIUM SALT ; EC-No. : 270-407-8 ; CAS-No. : 68439-57-6

Percentage : 5 - 9,99 %

Classification : Xi ; R 41 Xi ; R 38

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## **03. Hazards identification**

### **Hazard designation**

Irritating to eyes and skin

Classification : Xi ; R 36/38

### **Particular information pertaining specific risk for human and environment**

The product is water polluting.

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## **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 skin contact**

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

## **After eye contact**

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

## **After ingestion**

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

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## **05. Fire-fighting measures**

### **Suitable extinguishing media**

Foam, CO<sub>2</sub>, 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.

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## **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**

Neutralize with sodium bicarbonate or slaked lime. 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**

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. Store only in the original container. Keep container tightly closed, dry and in a cool place.

### **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**

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## 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 nitrile; thickness of material: 0,8 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 :** Liquid.  
**Colour :** bluegreen  
**Odour :** characteristic

### Relevant safety data

<b>Flash point :</b>		not applicable	°C	
<b>Density :</b>	( 20 °C )	1,11 - 1,12	g/cm <sup>3</sup>	
<b>pH value :</b>		0,9		
<b>Flow time :</b>	( 20 °C )	11	s	DIN-cup 4 mm

## 10. Stability and reactivity

### Conditions to avoid

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

### Materials to avoid

Reactions with lyes. Reactions with lyes induce thermic development.

### 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

### 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**

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## 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

36/38                      Irritating to eyes 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  
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.  
26                              In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

#### Special designation for certain preparations

## 16. Other information

### Further information

#### Relevant changes

09. Physical and chemical properties · 12. Ecological information · 13. Waste key

#### R-Phrases of components

34                              Causes burns  
36                              Irritating to eyes  
38                              Irritating to skin  
41                              Risk of serious damage to eyes

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## Department issuing data sheet

Product development / product safety

## Contact

Regulatory Affairs Department

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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.

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