

# Material Safety Data Sheet

## According to 91/155 EEC

Printing date 07.11.2005

Reviewed on 28.10.2003

### 1 Identification of substance:

· **Product details:**

· **Trade name:** *TM DESANACID*

· **Application of the substance / the preparation** *Cleaning agent/ Cleaner*

· **Manufacturer/Supplier:**

*Dipl. Ing. THONHAUSER GmbH*

*Salitergasse 26*

*A-2380 Perchtoldsdorf*

*Tel.: +43/1/8694182*

· **Informing department:** *Product safety department.*

· **Emergency information:** *Vergiftungsinformationszentrale +43/1/406 43 43*

### 2 Composition/Data on components:

· **Chemical characterization**

· **Description:** *Mixture of the substances listed below with harmless additions.*

· **Dangerous components:**

*CAS: 5329-14-6*

*sulphamidic acid*

*Xi; R 36/38-52/53*

*50-100%*

*EINECS: 226-218-8*

· **Additional information** *For the wording of the listed risk phrases refer to section 16.*

### 3 Hazards identification

· **Hazard designation:**



*Xi Irritant*

· **Information pertaining to particular dangers for man and environment**

*The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.*

*R 36/38 Irritating to eyes and skin.*

*R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*

· **Classification system**

*The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.*

### 4 First aid measures

· **General information** *Instantly remove any clothing soiled by the product.*

· **After inhalation** *Supply fresh air or oxygen; call for doctor.*

· **After skin contact** *Instantly wash with water and soap and rinse thoroughly.*

· **After eye contact** *Rinse opened eye for several minutes under running water. Then consult doctor.*

· **After swallowing**

*Do not induce vomiting; instantly call for medical help.*

*Rinse out mouth and then drink plenty of water.*

### 5 Fire fighting measures

· **Suitable extinguishing agents** *CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet.*

· **Protective equipment:** *Put on breathing apparatus.*

· **Additional information** *Collect contaminated fire fighting water separately. It must not enter drains.*

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### 6 Accidental release measures

- **Person-related safety precautions:** Wear protective clothing.
- **Measures for environmental protection:**  
Do not allow to enter drainage system, surface or ground water.  
Dilute with much water.
- **Measures for cleaning/collecting:** Collect mechanically.

### 7 Handling and storage

- **Handling**
- **Information for safe handling:** Keep containers tightly sealed.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed containers.  
Protect from heat and direct sunlight.

### 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**  
Keep away from foodstuffs, beverages and food.  
Instantly remove any soiled and impregnated garments.  
Wash hands during breaks and at the end of the work.  
Avoid contact with the eyes and skin.
- **Breathing equipment:** Use breathing protection in case of insufficient ventilation.
- **Protection of hands:** Protective gloves.
- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing.

### 9 Physical and chemical properties:

#### · General Information

<b>Form:</b>	Solid.
<b>Colour:</b>	Light red
<b>Smell:</b>	Odourless

#### · Change in condition

**Melting point/Melting range:** Not determined  
**Boiling point/Boiling range:** Not determined

· **Flash point:** Not applicable

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· <b>Inflammability (solid, gaseous)</b>	Contact with combustible material may cause fire.
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product is not explosive.
· <b>Density</b>	Not determined
· <b>Solubility in / Miscibility with Water:</b>	Soluble

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** Reacts with alkali (lyes)
- **Dangerous products of composition:** Sulphur oxides (SOx)

### 11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

5329-14-6 sulphamidic acid

Oral LD50 3160 mg/kg (rat)

- **Primary irritant effect:**

- **on the skin:** Irritant for skin and mucous membranes.

- **on the eye:** Irritant effect.

- **Sensitization:** No sensitizing effect known.

- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Irritant

### 12 Ecological information:

- **General notes:**

Water hazard class 2 (Self-assessment): hazardous for water.

Do not allow product to reach ground water, water bodies or sewage system.

### 13 Disposal considerations

- **Product:**

- **Recommendation**

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

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### 14 Transport information

· Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)



- ADR/RID-GGVS/E Class: 8 Corrosive substances.
- Kehler Number: 80
- UN-Number: 2967
- Packaging group: III
- Label: 8
- Designation of goods: 2967 SULPHAMIC ACID

· Maritime transport IMDG/GGVSea:



- IMDG/GGVSea Class: 8
- UN Number: 2967
- Label: 8
- Packaging group: III
- EMS Number: F-A,S-B
- Marine pollutant: No
- Correct technical name: SULPHAMIC ACID

· Air transport ICAO-TI and IATA-DGR:



- ICAO/IATA Class: 8
- UN/ID Number: 2967
- Label: 8
- Packaging group: III
- Correct technical name: SULPHAMIC ACID

### 15 Regulatory information

· Designation according to EC guidelines:

The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)

· Code letter and hazard designation of product:



*Xi Irritant*

· Risk phrases:

36/38 Irritating to eyes and skin.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

· Safety phrases:

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

28 After contact with skin, wash immediately with plenty of water.

37 Wear suitable gloves.

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- **National regulations**
  - **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
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**16 Other information:**

*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.*

- **Relevant R-phrases**  
36/38 Irritating to eyes and skin.  
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
  - **Department issuing data specification sheet:** Environment protection department.
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