

# ACIDOCTOR - S ( ANTIDOTE FOR SULPHURIC ACID SKIN BURN) MSDS



CAS No: MSDS

## MATERIAL SAFETY DATA SHEET (MSDS)

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
:  
Product code : D0006

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Industrial. For professional use only.

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

#### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

# ACIDOCTOR - S ( Antidote for Sulphuric acid skin burn)

## Safety Data Sheet

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name                           | Product identifier                      | % | Classification according to Directive 67/548/EEC | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--------------------------------|---|---|--|---|
| CALCIUM GLUCONATE              | (CAS No) 299-28-5<br>(EC no) 206-075-8  |   | Not classified                                   | Not classified  |
| POTASSIUM SORBATE              | (CAS No) 24634-61-5                     |   | Xi; R36/38                                       | Eye Irrit. 2, H319<br>Skin Irrit. 2, H315                       |
| Water                          | (CAS No) 7732-18-5<br>(EC no) 231-791-2 |   | Not classified                                   | Not classified  |
| CITRIC ACID MONOHYDRATE AR/ACS | (CAS No) 5949-29-1                      |   | Xi; R36  | Eye Irrit. 2, H319  |

Full text of R- and H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash with plenty of soap and water.  
First-aid measures after eye contact : Get medical advice/attention. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
First-aid measures after ingestion : Rinse mouth out with water. Get medical advice/attention.

### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Foam. Dry powder. Carbon dioxide.  
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

# ACIDOCTOR - S ( Antidote for Sulphuric acid skin burn)

## Safety Data Sheet

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. Non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. Emergency responders

Protective equipment : Use personal protective equipment as required.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods for containment and cleaning up

Methods for cleaning up : Collect spillage.

#### 6.4. Refer to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for handling

Precautions for safe handling : Avoid contact with eyes.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in original container. Keep container tightly closed.

#### 7.3. Specific use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control measures

No additional information available

#### 8.2. Exposure controls

Hand protection : protective gloves

Eye protection : Chemical goggles or safety glasses

Respiratory protection : No respiratory protection needed under normal use conditions

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state : Gel

Colour : pink.

Odour : No data available

Odour threshold : No data available

# ACIDOCTOR - S ( Antidote for Sulphuric acid skin burn)

## Safety Data Sheet

|  |                                      |
|--|--------------------------------------|
| pH   | : 4 - 7                              |
| Relative evaporation rate (butylacetate=1) | : No data available                  |
| Melting point                              | : No data available                  |
| Freezing point                             | : No data available                  |
| Boiling point                              | : No data available                  |
| Flash point                                | : No data available                  |
| Auto-ignition temperature                  | : No data available                  |
| Decomposition temperature                  | : No data available                  |
| Flammability (solid, gas)                  | : No data available                  |
| Vapour pressure                            | : No data available                  |
| Relative vapour density at 20 °C           | : No data available                  |
| Relative density                           | : No data available                  |
| Solubility                                 | : Water: Soluble in Water            |
| Log Pow                                    | : No data available                  |
| Viscosity, kinematic                       | : No data available                  |
| Viscosity, dynamic                         | : 40000 - 60000 cP at 10 rpm at 25°C |
| Explosive properties                       | : No data available                  |
| Oxidising properties                       | : No data available                  |
| Explosive limits                           | : No data available                  |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

No additional information available

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Direct sunlight.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

# ACIDOCTOR - S ( Antidote for Sulphuric acid skin burn)

## Safety Data Sheet

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Skin corrosion/irritation : Not classified  
pH: 4 - 7

Serious eye damage/irritation : Not classified  
pH: 4 - 7

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

No additional information available

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

No additional information available

# ACIDOCTOR - S ( Antidote for Sulphuric acid skin burn)

## Safety Data Sheet

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

No additional information available

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

|               |                  |
|---------------|------------------|
| UN-No. (ADR)  | : Not applicable |
| UN-No. (IMDG) | : Not applicable |
| UN-No.(IATA)  | : Not applicable |
| UN-No.(ADN)   | : Not applicable |
| UN-No. (RID)  | : Not applicable |

#### 14.2. UN proper shipping name

|                             |                  |
|-----------------------------|------------------|
| Proper Shipping Name (ADR)  | : Not applicable |
| Proper Shipping Name (IMDG) | : Not applicable |
| Proper Shipping Name (IATA) | : Not applicable |
| Proper Shipping Name (ADN)  | : Not applicable |
| Proper Shipping Name (RID)  | : Not applicable |

#### 14.3. Transport hazard class(es)

##### ADR

Transport hazard class(es) (ADR) : Not applicable

##### IMDG

Transport hazard class(es) (IMDG) : Not applicable

##### IATA

Transport hazard class(es) (IATA) : Not applicable

##### ADN

Transport hazard class(es) (ADN) : Not applicable

##### RID

Transport hazard class(es) (RID) : Not applicable

#### 14.4. Packing group

|                      |                  |
|----------------------|------------------|
| Packing group (ADR)  | : Not applicable |
| Packing group (IMDG) | : Not applicable |
| Packing group (IATA) | : Not applicable |
| Packing group (ADN)  | : Not applicable |
| Packing group (RID)  | : Not applicable |

#### 14.5. Environmental hazards

|                               |  |
|-------------------------------|--|
| Dangerous for the environment | : No                                     |
| Marine pollutant              | : No                                     |
| Other information             | : No supplementary information available |

# ACIDOCTOR - S ( Antidote for Sulphuric acid skin burn)

## Safety Data Sheet

### 14.6. Special precautions for user

#### - Overland transport

Not applicable

#### - Transport by sea

Not applicable

#### - Air transport

Not applicable

#### - Inland waterway transport

Not applicable

#### - Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

#### 15.1.2. National regulations

##### Germany

AwSV/VwVwS Annex reference : Water hazard class (WGK) nwg, non-hazardous to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Full text of R-, H- and EUH-phrases:

Eye Irrit. 2

Serious eye damage/eye irritation, Category 2

# ACIDOCTOR - S ( Antidote for Sulphuric acid skin burn)

## Safety Data Sheet

|               |                                       |
|---------------|---------------------------------------|
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| H315          | Causes skin irritation                |
| H319          | Causes serious eye irritation         |
| R36           | Irritating to eyes                    |
| R36/38        | Irritating to eyes and skin           |
| Xi            | Irritant                              |

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*