



**TPS**  
Mansion Close, Moulton Park  
NN3 6RU Northampton  
Tel.: 0800 8405505

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SDS Version: 1.1

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## TenCaCid Premium Gold

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### 1. Identification of the substance/preparation and of the company/undertaking

#### 1.1 Identification of the substance or preparation

Name.....: TenCaCid Premium Gold  
Product code .....: AT0901TPGOLD

#### 1.2 Use of the substance/preparation

No additional information available

#### 1.3 Company identification

Name : TPS  
Company role : Distributor  
Street : Mansion Close, Moulton Park  
City : NN3 6RU Northampton  
Country : England  
E-mail : info@paperlinxeu.co.uk  
Website : www.totalprintsupplies.co.uk

#### 1.4 Emergency telephone number

Emergency number :  
Emergency tel. number - comment : 0800 840 5505 (office hours only)

### 2. Hazards identification

#### 2.1 Classification and general Hazards

Not classified as dangerous according to the criteria of directive(s) 67/548/EEC and/or 1999/45/EC

#### 2.2 Environmental hazards

No additional information available

#### 2.3 Other dangers

No additional information available

### 3. Composition/information on ingredients

| Name                    | Symbol | CAS no    | EC no     | EC index no | R-phrases | Reach |
|-------------------------|--------|-----------|-----------|-------------|-----------|-------|
| TenCaCid Premium Gold   |        |           |           |             |           |       |
| malic acid              | Xi     | 6915-15-7 | 230-022-8 |             | R36/38    |       |
| citric acid,monohydrate | Xi     | 5949-29-1 |           |             | R36       |       |

### 4. First aid measures

#### 4.1 Effects and symptoms

No additional information available

#### 4.2 First aid measures

No additional information available

#### 4.3 Medical advice

No additional information available

### 5. Fire fighting measures

No additional information available



## 6. Accidental release measures

### 6.1 Protective measures

No additional information available

### 6.2 Environmental measures

No additional information available

### 6.3 Disposal

No additional information available

### 6.4 Other information

No additional information available

## 7. Handling and storage

### 7.1 Handling

No additional information available

### 7.2 Storage

No additional information available

### 7.3 Special use(s) and requirements

No additional information available

## 8. Exposure controls / Personal protection equipment

### 8.1 Exposure information

**Component** : **malic acid**  
CAS no ..... : 6915-15-7

**Component** : **citric acid,monohydrate**  
CAS no ..... : 5949-29-1



### **8.2 Exposure control - Risk Management measures**

No additional information available

### **8.3 Environmental Exposure control - Risk Management measures**

No additional information available

### **8.4 Technical Risk Management Measures**

No additional information available

## **9. Physical and chemical properties**

### **9.1 General information**

State of aggregation.....: Liquid

### **9.2 Important health, safety and environmental information**

No additional information available

### **9.3 Other information**

No additional information available

## **10. Stability and reactivity**

### **10.1 Stability**

No additional information available

### **10.2 Conditions to avoid**

No additional information available

### **10.3 Materials to avoid**

No additional information available

### **10.4 Hazardous decomposition products**

No additional information available

## **11. Toxicological information**

### **11.1 Toxicity**

No additional information available

### **11.2 Effects and symptoms**

**Component** : **malic acid**

**Component** : **citric acid,monohydrate**

LD50 oral rat .....: > 3000 mg/kg

LD50 dermal rabbit.....: > 20000 mg/kg

### 11.3 Additional toxicological information

No additional information available

### 11.4 Additional toxicological information

No additional information available

## 12. Ecological information

### 12.1 Ecotoxicity

#### a) LC50/EC50

|                                      |   |
|--------------------------------------|---|
| <b>Component</b>                     | : <b>malic acid</b>                                   |
| <b>Component</b>                     | : <b>citric acid,monohydrate</b>                      |
| LC50 fishes 1 .....                  | 2600 mg/l (48 h, LEUCISCUS IDUS, ANHYDROUS FORM)      |
| LC50 fishes 2 .....                  | 1516 mg/l (96 h, LEPOMIS MACROCHIRUS, ANHYDROUS FORM) |
| LC50 other aquatic organisms 1 ..... | < 894 mg/l (DAPHNIA MAGNA, ANHYDROUS FORM)            |
| LC50 other aquatic organisms 1 ..... | < 894 mg/l (DAPHNIA MAGNA, ANHYDROUS FORM)            |
| EC50 Daphnia 2.....                  | 120 mg/l (72 h, DAPHNIA MAGNA, ANHYDROUS FORM)        |
| .....                                | > 625 mg/l (DAPHNIA MAGNA, ANHYDROUS FORM)            |

#### b) BCF

|                  |                                  |
|------------------|----------------------------------|
| <b>Component</b> | : <b>malic acid</b>              |
| <b>Component</b> | : <b>citric acid,monohydrate</b> |

#### c) TLM

|   |   |
|---|---|
| <b>Component</b>                            | : <b>malic acid</b>                                     |
| <b>Component</b>                            | : <b>citric acid,monohydrate</b>                        |
| TLM other aquatic organisms 1 .....         | 160 ppm (48 h, CARCINUS MAENAS, ANHYDROUS FORM)         |
| Threshold limit algae 1 .....               | 80 mg/l (192 h, MICROCYSTIS AERUGINOSA, ANHYDROUS FORM) |
| Threshold limit algae 1 .....               | 80 mg/l (192 h, MICROCYSTIS AERUGINOSA, ANHYDROUS FORM) |
| Threshold limit other aquatic organisms 1 : | < 80 mg/l (72 h, DAPHNIA MAGNA, ANHYDROUS FORM)         |
| Threshold limit other aquatic organisms 2 : | > 10000 mg/l (16 h, PSEUDOMONAS PUTIDA, ANHYDROUS FORM) |

### **12.2 Mobility**

No additional information available

### **12.3 Persistence and Biodegradation**

**Component** ..... : **malic acid**  
BSB ..... : 0.34/0.57 g O<sup>2</sup>/g substance  
COD ..... : 0.68 g O<sup>2</sup>/g substance  
ThOD ..... : 0.72 g O<sup>2</sup>/g substance  
BOD (% ThOD) ..... : 47/79 % ThOD  
Log Pow ..... : -1.26  
WGK ..... : 1  
WGK remark ..... : Internal company classification

**Component** ..... : **citric acid,monohydrate**  
BSB ..... : 0.481 g O<sup>2</sup>/g substance  
COD ..... : 0.665 g O<sup>2</sup>/g substance  
Log Pow ..... : -1.72  
WGK ..... : 1  
WGK remark ..... : Classification in compliance with  
Verwaltungsvorschriftwassergefährdender Stoffe  
(VwVwS) of 27 July 2005

### **12.4 Bioaccumulation**

No additional information available

### **12.5 Results of PBT assessment**

No additional information available

### **12.6 Other information**

No additional information available

## **13. Disposal considerations**

No additional information available



## 14. Transport information

### **14.1 ADR (Road transport)**

No additional information available

### **14.2 RID (Railway transport)**

No additional information available

### **14.3 ADNR (Inland waterways shipping)**

No additional information available

### **14.4 IMDG (Sea transport)**

No additional information available

### **14.5 ICAO/IATA (Air transport)**

No additional information available

## 15. Regulatory information

### **15.1 Components indicating danger classification**

No additional information available

### **15.2 Classification and labelling**

No additional information available

### **15.3 Compliancy additional legislation**

No additional information available

## 16. Other information

### **R-Phrases components**

R36 Irritating to eyes  
R36/38 Irritating to eyes and skin  
SDS Version.....: 1.1

### **REACH Disclaimer:**

This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number).

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.