

## 1) Identification of the substance/preparation and company

### Product details

**Trade name**

*ORMECON™ CSN 7001*

### Identification of the manufacturer / supplier

**Address**

Ormecon Chemie GmbH & Co. KG  
Ferdinand-Harten-Str. 7  
D-22949 Ammersbek

Telephone number +49 (0)40 60 41 06-0

Fax no. +49 (0)40 60 41 06-51

**Information provided by / telephone no.**

+49 (0)40 60 41 06-0

**Emergency telephone number**

+49 (0)40 60 41 06-0 (8.00 - 17.00 h)

## 2) Composition/information on ingredients

### Chemical characterisation

Mixture (preparation)

### Hazardous ingredients

**TIN(II) METHANESULPHONATE**

Concentration > 1 %-b.w. < 15 %-b.w.

CAS no. 53408-94-9

Hazard symbols C R phrases 22, 34, 43

**METHANESULPHONIC ACID**

Concentration > 1 %-b.w. < 15 %-b.w.

CAS no. 75-75-2

Hazard symbols C R phrases 34

**THIOUREA**

Concentration > 1 %-b.w. < 20 %-b.w.

CAS no. 62-56-6

Hazard symbols Xn, N R phrases 22, 40, 51/53, 63

## 3) Hazards possibilities

### Hazard designation

**Hazard symbols**

C Corrosive

**R phrases**

34 Causes burns.  
40 Possible risks of irreversible effects.  
43 May cause sensitisation by skin contact.  
63 Possible risk of harm to the unborn child.

## **4) First aid measures**

### **General information**

By continuous complaints consult a physician.

Remove immediately contaminated clothing and shoes and launder thoroughly before reusing.

### **After inhalation**

Remove affected person from danger area.

Ensure supply of fresh air.

Irregular breathing/no breathing: artificial respiration.

Summon a doctor immediately.

### **After skin contact.**

In case of contact with skin wash off immediately with soap and water.

Summon a doctor immediately.

### **After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.)

Summon a doctor immediately.

### **After ingestion**

Rinse out mouth and give plenty of water to drink.

Do not induce vomiting.

Summon a doctor immediately.

Never give anything by mouth to an unconscious person.

## **5) Fire-fighting measures**

### **Suitable extinguishing media**

Extinguishing powder

Water spray jet

Carbon dioxide

### **Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases.**

In the event of fire the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

Sulphur oxides

Nitrogen oxides (NO<sub>x</sub>)

### **Special protective equipment for fire fighting**

Use self-contained breathing apparatus.

Wear protective clothing.

## **6) Accidental release measures**

### **Personal precautions**

Refer to protective measures listed in sections 7 and 8.

Avoid contact with skin, eyes and clothing.

Ensure adequate ventilation.

### **Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

### **Methods for cleaning up/taking up**

Avoid surface spread out (by damming up with sand or soil).

Pick up with absorbent material (e.g. sand, kieselgur, acid binder, universal binder, sawdust).

Send in suitable containers for recovery or disposal.

## 7) Handling and storage

### Handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary).

If workplace limits are exceeded, a respiration protection approved for this particular job must be worn.

#### Advice on protection against fire and explosion

Keep away from sources of heat and ignition.

### Storage

#### Requirements for storage rooms and vessels.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Keep only in original container.

#### Hints on storage assembly.

Do not store together with:

Alkalis

Reducing agents

Metals

#### Further information on storage conditions.

Keep container tightly closed in a cool, well-ventilated place.

Protect from heat and direct sunlight.

Protect from atmospheric moisture and water.

#### Recommended storage temperature

10 - 30 °C

## 8) Exposure controls/personal protection

### Ingredients with occupational exposure limits to be monitored

#### TIN COMPOUNDS, ORGANIC

MAK (TRGS 900)

0.1000 E mg/m<sup>3</sup>

### Personal protective equipment

#### Respiratory protection

If workplace limits are exceeded, a respiration protection approved for this particular job must be worn.

#### Hand protection

Protective gloves

Appropriate Material

PVA

Rubber

#### Eye protection

Tightly fitting safety glasses

Face shield

#### Skin protection

Clothing as usual in the chemical industry.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time.

Keep away from foodstuffs and beverages.

Avoid contact with eyes and skin.

Remove soiled or soaked clothing immediately.

Wash hands before breaks and after work.

Store work clothing separately.

Hold eye bath available.

Hold emergency shower available.

# EC Safety Data Sheet

Trade name: **ORMECON™ CSN 7001**

Version: 1/GB



Status: 28.04.2000

page: 4(5)

## 9) Physical and chemical properties

### Appearance.

Form	Liquid
Colour	yellow
Odour	Sulphur-like

### Safety data

#### Changes in physical state

Type	Boiling point
Value	> 100 °C

#### Flash point

Not applicable

#### Vapour pressure

Value	ap	9,00	mbar
Reference temperature	20	°C	

#### Density

Value		1,24	g/cm <sup>3</sup>
method	DIN 51757		
Reference temperature	20	°C	

#### solubility

Remarks partially miscible

#### pH value

Value	<	1
-------	---	---

## 10) Stability and reactivity

### Materials to avoid

Alkalis  
Reducing agents.  
Metals

### Hazardous decomposition products

Sulphurous oxides (SO<sub>x</sub>)

### Thermal decomposition

No decomposition if used as prescribed.

## 11) Toxicological information

### Experience in practice

Corrosive effect of product in contact with skin, eyes and mucous membranes.

### Other information (chapter 11.)

Product specific toxicological data are not known.

## 12) Ecological information

### General information / ecology

Do not discharge into the drains or waters and do not store on public depositories.

## 13) Disposal considerations

### Product

Assignment of a Waste Code Number in accordance with the European Waste Catalogue (EAK) should be carried out in agreement with the Regional Waste Disposal Authority.

### Contaminated packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Not cleanable packing should be disposed of in agreement with the Regional Waste Disposal Authority.



## 14) Transport information

### **Land transport ADR/RID**

Class	8 , 40 b
Hazard number (Kemler-number)	80
UN number	3265
Technical name	Corrosive liquid, acidic, organic, n.o.s.
Danger releasing substance	Tin(II)methanesulfonat

### **Marine transport IMDG/GVSee**

Class	8
Packaging group	II
UN number	3265
Proper shipping name	Corrosive liquid, acidic, organic, n.o.s.
Danger releasing substance	Tin(II)methanesulfonat
EmS	8-15
MFAG	760
MARPOL	--

### **Air transport ICAO/IATA**

Class	8
Packaging group	II
UN number	3265
Proper shipping name	Corrosive liquid, acidic, organic, n.o.s.
Danger releasing substance	Tin(II)methanesulfonat

## 15) Regulatory information

### **Labelling in accordance with EC directives**

Classification according to the 'Listing Principe' of the Guide lines for preparations (88/379/EEC).

#### **Hazard symbols**

C Corrosive

#### **Hazardous component(s) to be indicated on label**

TIN(II) METHANESULPHONATE

THIOUREA

#### **R phrases**

- 34 Causes burns.
- 40 Possible risks of irreversible effects.
- 43 May cause sensitisation by skin contact.
- 63 Possible risk of harm to the unborn child.

#### **S phrases**

- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 28.2 After contact with skin, wash immediately with water and soap.
- 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
- 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## 16) Other information

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.