



Trade name: Crodafos CES

Substance number: 270225

Version: 2 / CH

Date revised: 20.02.12

Replaces Version: 1 / CH

Date of printing: 14.06.12

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

### 1.1. Product identifier

Crodafos CES

Item-No. 27022500

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

#### Use of the substance/preparation

surface active agent

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

#### Address

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible  
for this SDS

### 1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2 H315

Eye Dam. 1 H318

#### Classification in accordance with EC directives

Classification Xi, R38-R41

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal Word

Danger

#### Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

#### Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact



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P310 lenses, if present and easy to do. Continue rinsing.  
 P405 Immediately call a POISON CENTER or doctor/physician.  
 Store locked up.

**Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC**

The product is classified and labelled in accordance with EC Directive 99/45/EC.

**Hazard symbols**

Irritant

**R phrases**

38 Irritating to skin.  
 41 Risk of serious damage to eyes.

**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 plenty of water and soap.  
 37/39 Wear suitable gloves and eye/face protection.

**3. Composition/information on ingredients****Hazardous ingredients****Ceteth-10 Phosphate**

CAS No.	50643-20-4
EINECS no.	POLYMER
Concentration	>= 10 < 25 %

**Dicetylphosphate**

CAS No.	2197-63-9
EINECS no.	218-594-7
Concentration	>= 10 < 25 %

**4. First aid measures****4.1. Description of first aid measures****After skin contact**

Wash off immediately with soap and water and rinse well. Consult a doctor if skin irritation persists.

**After eye contact**

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

**After ingestion**

Do not induce vomiting. Rinse out mouth and give plenty of water to drink. Summon a doctor immediately.

**5. Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**



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Water mist, Alcohol-resistant foam, Dry chemical extinguisher, Carbon dioxide

**Non Suitable extinguishing media**

Water spray jet

**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

**Other information**

Cool endangered containers with water spray jet.

**6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective clothing.

**6.2. Environmental precautions**

Do not allow to enter drains or waterways.

**6.3. Methods and material for containment and cleaning up**

Pick up mechanically. When picked up, treat material as prescribed under heading "Disposal".

**7. Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Observe the usual precautions for handling chemicals. Ensure adequate ventilation.

**7.2. Conditions for safe storage, including any incompatibilities****Further information on storage conditions**

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

**8. Exposure controls/personal protection****8.2. Exposure controls****General protective and hygiene measures**

General industrial hygiene practice.

**Respiratory protection**

Not necessary, but do not inhale vapours.

**Hand protection**

Gloves

Appropriate Material

Butyl rubber

Gloves

Appropriate Material

nitrile rubber - NBR

**Eye protection**

Tightly fitting safety glasses

**Body protection**

protective overalls

**9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**



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<b>Form</b>	solid			
<b>Colour</b>	white			
<b>Odour</b>	characteristic			
<b>Melting point</b>				
Value	51	to	58	°C
<b>Flash point</b>				
Value	>	100		°C
<b>Solubility in water</b>				
Remarks	dispersible			

## 10. Stability and reactivity

### 10.4. Conditions to avoid

No hazardous reactions known.

### 10.5. Incompatible materials

Strong oxidising agents

### 10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide, Phosphorus oxides (e.g. P<sub>2</sub>O<sub>5</sub>)

## 11. Toxicological information

### 11.1. Information on toxicological effects

#### Acute oral toxicity

Species	rat		
LD50	>	2.000	mg/kg
Remarks	Test conducted with a similar formulation.		

#### Skin corrosion/irritation

valuation	irritant
Remarks	Test conducted with a similar formulation.

#### Serious eye damage/irritation

valuation	irritant
Remarks	Test conducted with a similar formulation.

#### Sensitization

valuation	non-sensitizing
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## 12. Ecological information

### 12.1. Toxicity

#### Fish toxicity

Remarks No data available.

### 12.2. Persistence and degradability

#### Biodegradability

valuation not readily degradable

## 13. Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations for the product



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Disposal in compliance with local and national regulations.

**Disposal recommendations for packaging**

Dispose of as unused product.

**14. Transport information**

**Land transport ADR/RID**

Non-dangerous goods

**Marine transport IMDG/GGVSee**

The product does not constitute a hazardous substance in sea transport.

**Air transport ICAO/IATA**

The product does not constitute a hazardous substance in air transport.

**15. Regulatory information**

**16. Other information**

**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.