



## Material Safety Data Sheet

According to 91/155 EC

Printing date 14.12.2000

Reviewed on 13.12.2000

### 1 Identification of substance:

**Product details:**Trade name: **UNIZINC ACZ 507**

Article number: 89876

Manufacturer/Supplier:

Further information obtainable from: Department laboratory

### 2 Composition/Data on components:

**Chemical characterization****Description:**

Mixture of substances listed below with nonhazardous additions like sodium benzoate,  $\beta$ -naphthol polyethoxy sulphosuccinat di-sodium salt, sulphoalkylated polyalkoxylated naphthol-alkali salt, a.o.

**Dangerous components:**

2-chlorobenzaldehyde	C; 34	2.5-10%
fatty alcohol, ethoxylated	Xn; 22-41	< 2.5%

### 3 Hazard identification

**Hazard description:**

Xi Irritant

**Information concerning to particular hazards to man and environment**

R 38 Irritating to skin.

R 41 Risk of serious damage to eyes.

**Classification system**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### 4 First aid measures

**After inhalation**

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact** Immediately wash with water and soap and rinse thoroughly.**After eye contact**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing**

Drink plenty of water and provide fresh air. Call for a doctor immediately.

### 5 Fire fighting measures

**Suitable extinguishing agents**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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- **Special hazards caused by the substance, its products of combustion or resulting gases:**  
Formation of toxic gases is possible during heating or in case of fire.
- **Protective equipment:** Wear self-contained respiratory protective device.

### 6 Accidental release measures

- **Person-related safety precautions:** Wear protective clothing.
- **Measures for environmental protection:**  
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### 7 Handling and storage

- **Handling**
- **Information for safe handling:** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Storage class**
- **Class according to regulation on flammable liquids:** Void

### 8 Exposure controls and personal protection gear

- **Additional information about design of technical facilities:**  
No further data; see item 7.
- **Ingredients with limit 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 valid during the making were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves.

- **Eye protection:**



Safety glasses

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- **Body protection:** Protective work clothing.

### 9 Physical and chemical properties:

- **Form:** Fluid
- **Colour:** Light yellow
- **Odour:** Characteristic
- **Change in condition**
  - **Melting point/Melting range:** undetermined
  - **Boiling point/Boiling range:** 100°C
- **Flash point:** Not applicable
- **Ignition temperature:** 397°C
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Vapour pressure at 20°C:** 23 hPa
- **Density at 20°C:** ca. 1.12 g/cm<sup>3</sup>
- **Solubility in / Miscibility with Water:** Not miscible or difficult to mix
- **pH-value at 20°C:** 4.0-5.0

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous decomposition products:** No dangerous decomposition products known

### 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
  - **on the skin:** Irritant to skin and mucous membranes.
  - **on the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitization:** No sensitizing effects known.

### 12 Ecological information:

- **Information about elimination (persistence and degradability):**
- **Other information:** No data available
- **General notes:** Do not allow product to reach ground water, water course or sewage system.

### 13 Disposal considerations

- **Product:**
- **Recommendation** Must be specially treated adhering to official regulations.

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

### 14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

### 15 Regulations

- **Labelling according to EU guidelines:**  
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials
  - **Code letter and hazard designation of product:**  
Xi Irritant
  - **Hazard-determining components of labelling:**  
2-chlorobenzaldehyde
  - **Risk phrases:**  
38 Irritating to skin.  
41 Risk of serious damage to eyes.
  - **Safety phrases:**  
25 Avoid contact with eyes.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
37/39 Wear suitable gloves and eye/face protection.  
60 This material and its container must be disposed of as hazardous waste.
  - **National regulations**
  - **Classification according to VbF:** Void
  - **Technical instructions (air):**
- | Class | Share in % |
|-------|------------|
| III   | 8.0        |
- **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

### 16 Other information:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Compared with the previous distribution modifications are mark with "" on the left margin.

- **Department issuing MSDS:** Department laboratory