

# Material Safety Data Sheet

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**Product name :** **Accepta 4900**

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**Product Use :** Processing aid for industrial applications.

## 2. HAZARDS IDENTIFICATION

### Hazard Identification

May cause skin irritation in susceptible persons. May cause eye irritation with susceptible persons.  
Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Identification :** Water-soluble chelating product.

The wording of the hazard symbols and Risk phrases is specified in section 16 if dangerous ingredients are mentioned

Chemical Name	CAS-No. :	EC-No. :	Classification :	Weight %
Polyethyleneimine dithiocarbamate	189326-02-1	Polymer	R52/53	15-30

## 4. FIRST AID MEASURES

**Inhalation :** Consult a physician after significant exposure.

**Skin contact :** Wash off immediately with soap and plenty of water. In case of persistent skin irritation, consult a physician.

**Eye contact :** Rinse thoroughly with plenty of water, also under the eyelids. Consult a physician.

**Ingestion :** Rinse mouth. Drink plenty of water. Consult a physician.

## 5. FIRE-FIGHTING MEASURES

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**Suitable extinguishing media :** Water spray. Foam. Dry powder.

**Special protective equipment for firefighters :** Wear self-contained breathing apparatus and protective suit.

## 6. ACCIDENTAL RELEASE MEASURES

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**Personal precautions :** (See section 8).

**Environmental precautions :** Do not let product enter drains. Do not contaminate water. Avoid subsoil penetration.

**Methods for cleaning up :** Dam up. Soak up with inert absorbent material. If liquid has been spilt in large quantities clean up promptly by scoop or vacuum. Keep in suitable, closed containers for disposal. After cleaning, flush away traces with water.

## 7. HANDLING AND STORAGE

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### Handling

**Safe handling advice :** No special precautions required.

### Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. The recommended storage temperature is (5 - 30 °C).

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### Engineering measures

Ensure adequate ventilation, especially in confined areas.

### Personal protective equipment

**Respiratory protection :** In case of insufficient ventilation wear suitable respiratory equipment.

**Hand protection :** Protective gloves.

**Eye protection :** Safety glasses with side-shields.

**Skin and body protection :** Lightweight protective clothing.

### Hygiene measures

Wash hands and face before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Form :** Liquid

**Color :** Red

**Odor :** Rotten egg-like

**pH:** 9.0 - 12.0

**Specific Gravity :** 1.05 - 1.15

**Melting point/range :** Not applicable

**Flash point :** Does not flash

**Freezing point (°C) :** <-7

**Autoignition temperature :** Does not ignite

**Water solubility :** Completely soluble

**Viscosity (mPa.s) :** 30 - 500

## 10. STABILITY AND REACTIVITY

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**Stability :** Stable at normal conditions.

**Conditions to avoid :** Avoid temperatures above 35°C.

**Materials to avoid :** Oxidising agents. Acids.

**Hazardous decomposition products :** Thermal decomposition may produce. Carbon oxides (CO<sub>x</sub>). Nitrogen oxides (NO<sub>x</sub>). Sulfur oxides (SO<sub>x</sub>).

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

**Oral :** LD50/oral/rat > 5000 mg/kg.

**Skin :** The product is not expected to be toxic in contact with the skin.

**Inhalation :** The product is not expected to be toxic by inhalation.

### Irritation

**Skin :** May cause skin irritation with susceptible persons.

**Eyes :** May cause eye irritation with susceptible persons.

**Sensitization :** No information available.

**Chronic toxicity :** No information available.

## 12. ECOLOGICAL INFORMATION

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### Aquatic toxicity

**Toxicity to fish :**

LC50/Fathead minnow/96 hours > 100 mg/l (OECD 203).

**Toxicity to daphnia :**

EC(T)50/Daphnia m./48 hours > 10 mg/l (OECD 202).

**Toxicity to algae :**

IC50/Scenedesmus subspicatus/72 hours > 10 mg/l. (OECD 201).

### Environmental fate

**Persistence and degradability :** Not readily biodegradable.

## 13. DISPOSAL CONSIDERATIONS

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**Waste from residues / unused products :** In accordance with local, state and federal regulations.

**Contaminated packaging :** In accordance with local and national regulations.

## 14. TRANSPORT INFORMATION

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### ADR/RID

Not classified as dangerous in the meaning of **ADR/RID** regulations.

### IMDG/IMO

Not classified as dangerous in the meaning of IMO/IMDG transport regulations.

### ICAO/IATA

Not classified as dangerous in the meaning of ICAO/IATA transport regulations.

## 15. REGULATORY INFORMATION

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### **Classification and Labelling**

The product is classified and labelled in accordance with EC directives or respective national laws.

### **Risk-phrase(s) :**

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### **Safety-phrase(s) :**

S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.

### **International Inventories**

**European Union (EINECS/ELINCS) :** All components of this product are either listed on the inventory or are exempt from listing.

**USA (TSCA):** All components of this product are either listed on the inventory or are exempt from listing.

**Canada (DSL) :** All components of this product are either listed on the inventory or are exempt from listing.

**China (IECSC) :** All components of this product are either listed on the inventory or are exempt from listing.

## 16. OTHER INFORMATION

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### **Further information**

**Full text of hazard symbols and R-phrases if mentioned as hazardous components in chapter 3 :**

### **Text of R phrases mentioned in Section 3:**

R52 - Harmful to aquatic organisms.

R53 - May cause long-term adverse effects in the aquatic environment.

**This MSDS was prepared in accordance with the following:**

Regulation (EC) N° 1907/2006

Regulation (EC) N° 1272/2008

Directive 67/548/EEC

Directive 1999/45/EC

as amended.

**Contact person:** Product Information & Regulatory Affairs

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.