

Product name: STOCKOSORB 660 MICRO

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Product name:**  
STOCKOSORB 660 MICRO**Chemical name:**  
Potassium polyacrylate**Additional identification**

<b>Chemical name:</b>	Potassium polyacrylate, cross-linked.
<b>Chemical formula:</b>	-
<b>INDEX No.</b>	-
<b>CAS-No.</b>	25608-12-2
<b>EC No.</b>	-

**REACH Registration No.** -**1.2 Relevant identified uses of the substance or mixture and uses advised against****Identified uses:** soil conditioner**Uses advised against:****1.3 Details of the supplier of the safety data sheet**

Company Name	: Evonik Operations GmbH Rellinghauser Str. 1-11 45128 Essen Germany
Telephone	: +49 2365 49 84437
E-mail	: sds-info-epm@evonik.com

**1.4 Emergency telephone number:**

24-Hour Health	: +49 2365 49 2232
Emergency	: +49 2365 49 4423 (Fax)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

The product has not been classified as hazardous according to the legislation in force.

**Classification according to Regulation (EC) No 1272/2008 as amended.**

Not classified

**2.2 Label Elements** Not applicable

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### 2.3 Other hazards

Spilt product creates a very slippery surface in combination with water or moisture! Keep out of the reach of children.

#### **Endocrine disrupting properties-Toxicity**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### **Endocrine disrupting properties-Ecotoxicity**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## **SECTION 3: Composition/information on ingredients**

### **Chemical name:**

Potassium polyacrylate

### 3.1 Substances

#### **General information:**

No hazardous ingredients.

#### **Chemical name**

Potassium polyacrylate, cross-linked.

#### **INDEX No.:**

#### **CAS-No.:**

25608-12-2

#### **EC No.:**

#### **REACH Registration No.:**

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CLP: Regulation No. 1272/2008.

## **SECTION 4: First aid measures**

### 4.1 Description of necessary first-aid measures

#### **General information:**

Remove soiled or soaked clothing immediately

#### **Inhalation:**

fresh air supply, consult a doctor if feeling unwell.

#### **Skin Contact:**

In case of contact with skin wash off immediately with soap and water In case of discomfort: Supply with medical care.

#### **Eye contact:**

In case of contact with eyes rinse thoroughly with water. In case of discomfort: Supply with medical care.

#### **Ingestion:**

Thoroughly clean the mouth with water In case of discomfort: Supply with medical care.

#### **Personal Protection for First-aid Responders:**

No data available.

### 4.2 Most important symptoms and effects, both acute and delayed

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**Symptoms:** Up to now no symptoms are known.

**Hazards:** No data available.

#### **4.3 Indication of immediate medical attention and special treatment needed**

**Treatment:** Treat symptomatically.

### **SECTION 5: Firefighting measures**

#### **5.1 Extinguishing media**

**Suitable extinguishing media:** foam, carbon dioxide, dry powder, water spray.

**Unsuitable extinguishing media:** High volume water jet.

#### **5.2 Special hazards arising from the substance or mixture:**

In the event of fire the following can be released: - carbon dioxide, carbon monoxide Under certain conditions of combustion traces of other toxic substances cannot be excluded

#### **5.3 Advice for firefighters**

**Special fire-fighting procedures:** Keep away from sources of ignition. Take action to prevent static discharges. Dust may form explosive mixture with air. Cool endangered containers by water spray

**Special protective equipment for fire-fighters:** Do not inhale explosion and/or combustion gases. Self-contained breathing apparatus.

### **SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures:** High risk of slipping due to leakage/spillage of product Use personal protective equipment. Avoid dust formation.

**6.1.1 For non-emergency personnel:** No data available.

**6.1.2 For emergency responders:** No data available.

**6.2 Environmental Precautions:** Do not allow to enter drains or waterways Prevent product from getting into subsoil/soil.

**6.3 Methods and material for containment and cleaning up:** Use mechanical handling equipment. Dispose of absorbed material in accordance with the regulations.

**6.4 Reference to other sections:** For further information on exposure monitoring and disposal see sections 8 and 13.

### **SECTION 7: Handling and storage:**

#### **7.1 Precautions for safe handling**

**Technical measures (e.g. Local and general ventilation):** No data available.

**Safe handling advice:** Provide good ventilation of working area (local exhaust

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ventilation if necessary). Avoid the formation and deposition of dust. Do not inhale dust/fumes/aerosols. Avoid contact with skin and eyes.

**Contact avoidance measures:** No data available.

## 7.2 Conditions for safe storage, including any incompatibilities

**Safe storage conditions:** Keep container tightly closed in a cool, well-ventilated place. Keep in a dry place. Protect from atmospheric moisture and water. Store at temperature below 50°C.

**Safe packaging materials:** No data available.

**7.3 Specific end use(s):** No further recommendations.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control Parameters

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

#### Biological Limit Values

No biological exposure limits noted for the ingredient(s).

#### DNEL-Values

Remarks: No DNEL/DMEL values on file.

#### PNEC-Values

Remarks: No PNEC values on file.

### 8.2 Exposure controls

**Appropriate Engineering Controls:** No data available.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection:** Safety goggles

**Hand Protection:** Additional Information: Protective gloves

**Skin and Body Protection:** protective clothing

**Respiratory Protection:** in case of formation of vapours/dusts: Short term: filter apparatus, Filter P3

**Hygiene measures:** Wash hands before breaks and immediately after handling the product. When using do not eat, drink or smoke. Remove soiled or soaked clothing immediately.

**Environmental Controls:** The environmental regulations on the control and monitoring of environmental exposures are to be observed.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

**Physical state:** solid

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<b>Form:</b>	Powder
<b>Color:</b>	White
<b>Odor:</b>	Odorless
<b>Odor Threshold:</b>	not measured
<b>Melting Point:</b>	not measured
<b>Boiling Point:</b>	not measured
<b>Flammability:</b>	not measured
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Explosive limit - upper:</b>	not measured
<b>Explosive limit - lower:</b>	not measured
<b>Flash Point:</b>	not measured
<b>Autoignition Temperature:</b>	not measured
<b>Decomposition Temperature:</b>	not measured
<b>pH:</b>	Approximate 7,7 (1 g/l, 20 °C) in Water
<b>Viscosity</b>	
<b>Dynamic viscosity:</b>	not measured
<b>Kinematic viscosity:</b>	not measured
<b>Flow Time:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Insoluble
<b>Solubility (other):</b>	not measured
<b>Dissolution Rate:</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	not measured
<b>Dispersion Stability:</b>	No data available.
<b>Vapor pressure:</b>	< 20 hPa (20 °C)
<b>Relative density:</b>	not measured
<b>Density:</b>	Approximate 0,7 g/cm <sup>3</sup> (20 °C)
<b>Bulk density:</b>	650 kg/m <sup>3</sup> (20 °C)
<b>Vapor density (air=1):</b>	not measured

**9.2 Other information**

<b>Explosive properties:</b>	not measured
<b>Oxidizing properties:</b>	not oxidizing
<b>Minimum ignition temperature:</b>	not measured
<b>Metal Corrosion:</b>	Not corrosive to metals
<b>Evaporation Rate:</b>	not measured

<b>SECTION 10: Stability and reactivity</b>
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<b>10.1 Reactivity:</b>	see section "Possibility of hazardous reactions".
<b>10.2 Chemical Stability:</b>	The product is stable under normal conditions.
<b>10.3 Possibility of hazardous reactions:</b>	No hazardous reactions with proper storage and handling
<b>10.4 Conditions to avoid:</b>	Moisture.
<b>10.5 Incompatible Materials:</b>	Not known.

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**10.6 Hazardous Decomposition Products:** None with proper storage and handling.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Information on likely routes of exposure**

**Inhalation:** Information on effects are given below.

**Skin Contact:** Information on effects are given below.

**Eye contact:** Information on effects are given below.

**Ingestion:** Information on effects are given below.

**Acute toxicity (list all possible routes of exposure)****Oral**

**Product:** LD 50 (Rat): > 5.000 mg/kg (OECD 401) The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).

**Dermal**

**Product:** LD 50 (Rat): > 2.000 mg/kg (OECD 402) The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).

**Inhalation**

**Product:** No data available.

**Repeated dose toxicity**

**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** Not irritating OECD 404 (Rabbit): Not irritating; The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).

**Serious Eye Damage/Eye Irritation**

**Product:** Not irritating OECD 405 (Rabbit): Not irritating; The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).

**Respiratory or Skin Sensitization**

**Product:** Sensitization test, OECD 406 (Guinea Pig): Not a skin sensitizer. The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).

**Carcinogenicity**

**Product:** No data available.

**Germ Cell Mutagenicity**

No data available.

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**In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Aspiration Hazard**

**Product:** Not classified

**11.2 Information on other hazards**

**Endocrine disrupting properties**

**Product:** The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.;

**Other hazards**

**Product:** The properties of this product which are hazardous to health have been calculated as per regulation (EC) No. 1272/2008. See section 2 "Hazards Identification".;

<b>SECTION 12: Ecological information</b>
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**12.1 Toxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Toxicity to microorganisms**

**Product:** No data available.

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

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**Product:** No data available.

**Toxicity to microorganisms**

**Product:** No data available.

**12.2 Persistence and Degradability**

**Biodegradation**

**Product:** The product is not biodegradable. The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).

**BOD/COD Ratio**

**Product:** No data available.

**12.3 Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** Log Kow: not measured

**12.4 Mobility in soil:**

**Product** No data available.

**12.5 Results of PBT and vPvB assessment:**

**Product** No data available.

**12.6 Endocrine disrupting properties:**

**Product:** The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**12.7 Other adverse effects:**

**Other hazards**

**Product:** The product is classified as slightly hazardous to waters (according to the German Regulation on the Classification of Substances Hazardous to Waters (WwSV). Do not allow to enter soil, waterways or waste water canal.

<b>SECTION 13: Disposal considerations</b>
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**13.1 Waste treatment methods**

**General information:** No data available.

**Disposal methods:** In accordance with local authority regulations, take to special waste incineration plant

**Contaminated Packaging:** If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.



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## SECTION 14: Transport information

### 14.1 UN/ID No.

Not regulated as a dangerous good

### 14.2 UN proper shipping name

Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

### 14.4 Packing group

Not regulated as a dangerous good

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Not applicable

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

**EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I:** Not applicable

**15.2 Chemical safety assessment:** No chemical safety assessment was carried out for this product.

## SECTION 16: Other information

### Abbreviations and acronyms:

**ADR** - European Agreement concerning the International Carriage of Dangerous Goods by Road; **ADN** - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; **AGW** - Occupational exposure limit; **ASTM** - American Society for Testing and Materials; **AwSV** - Ordinance on facilities for handling substances that are hazardous to water; **BSB** - Biochemical oxygen demand; **c.c.** - closed cup; **CAS** - Chemical Abstract Services; **CESIO** - European Committee of Organic Surfactants and their Intermediates; **CSB** - Chemical oxygen demand; **DMEL** - Derived minimum effect level; **DNEL** - Derived no effect level; **EbC50** - median concentration in terms of reduction of growth; **EC** - Effective concentration; **EINECS** - European Inventory of Existing Commercial Chemical Substances; **EN** - European norm; **ErC50** - median concentration in terms of reduction of growth rate; **GGVSEB** - German ordinance for road, rail and inland waterway transportation of dangerous goods; **GGVSee** - German ordinance for sea transportation of dangerous goods; **GLP** - Good Laboratory Practice; **GMO** - Genetic Modified Organism; **IATA** - International Air Transport Association; **ICAO** - International Civil Aviation Organization; **IMDG** - International Maritime Dangerous Goods; **ISO** - International Organization For Standardization; **LD/LC** - lethal dosis/concentration; **LOAEL** - Lowest observed adverse effect level; **LOEL** - Lowest observed effect level; **M-Factor** - multiplying factor; **NOAEL** - No observed adverse effect level; **NOEC** - no observed effect concentration; **NOEL** - no observed effect level; **o.c.** - open cup; **OECD** - Organisation for Economic Cooperation and Development; **OEL** - Occupational

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Exposure Limit; **PBT** - Persistent, bioaccumulative, toxic; **PNEC** - Predicted no effect concentration; **REACH** - REACH registration; **RID** - Convention concerning International Carriage by Rail; **SVHC** - Substances of Very High Concern; **TA** - Technical Instructions; **TRGS** - Technical Rules for Hazardous Substances; **vPvB** - very persistent, very bioaccumulative; **WGK** - Water Hazard Class

**Key literature references and sources for data:** No data available.

**Training information:** Comply with national laws regulating employee instruction.

**Revision Information** Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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