

Product name: STOCKOSORB 660 XL

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 XL**Additional identification**

Chemical name:	Potassium polyacrylate, cross-linked.
Chemical formula:	-
INDEX No.	-
CAS-No.	25608-12-2
EC No.	-
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	: +49 201 173 01
Fax	: +49 201 173 3000
E-mail	: productsafety-sp@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

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Not applicable

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**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.:**

-

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**Symptoms:**

Up to now no symptoms are known.

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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 ventilation if necessary). Avoid the formation and deposition

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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

Product name: STOCKOSORB 660 XL

Form:	Powder
Color:	White
Odor:	Odorless
Odor Threshold:	not measured
Melting Point:	not measured
Boiling Point:	not measured
Flammability:	not measured
Upper/lower limit on flammability or explosive limits	
Explosive limit - upper:	not measured
Explosive limit - lower:	not measured
Flash Point:	not measured
Autoignition Temperature:	not measured
Decomposition Temperature:	not measured
pH:	Approximate 7,7 (1 g/l, 20 °C) in Water
Viscosity	
Dynamic viscosity:	not measured
Kinematic viscosity:	not measured
Flow Time:	No data available.
Solubility(ies)	
Solubility in Water:	(20 °C) Insoluble
Solubility (other):	not measured
Dissolution Rate:	No data available.
Partition coefficient (n-octanol/water):	not measured
Dispersion Stability:	No data available.
Vapor pressure:	< 20 hPa (20 °C)
Relative density:	not measured
Density:	Approximate 0,7 g/cm ³ (20 °C)
Bulk density:	500 kg/m ³ (20 °C)
Vapor density (air=1):	not measured

9.2 Other information

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

SECTION 10: Stability and reactivity

10.1 Reactivity:	see section "Possibility of hazardous reactions".
10.2 Chemical Stability:	The product is stable under normal conditions.
10.3 Possibility of hazardous reactions:	No hazardous reactions with proper storage and handling
10.4 Conditions to avoid:	Moisture.
10.5 Incompatible Materials:	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: , 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".;

SECTION 12: Ecological information

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.**SECTION 13: Disposal considerations****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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