

Data Sheet

According to article 32 EU-Regulation 1907/2006

BergaScrub 400

Print date: 06.12.2017

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

BergaScrub 400
REACH Registration Number: 01-2119498298-18-
CAS No: 8001-78-3
EC No: 232-292-2

Supplier

Company name: Berg+Schmidt GmbH + Co. KG
Street: An der Alster 81
Place: D-20099 Hamburg
Telephone: +49-40-284039-0
e-mail: info@berg-schmidt.de

SECTION 2: Hazards identification

GHS classification

This substance is not classified as dangerous according to Regulation (EC) No. 1272/2008.

Label elements

Additional advice on labelling

No risks worthy of mention.

SECTION 3: Composition/information on ingredients

Substances

Components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
232-292-2	Castor oil, hydrogenated	
8001-78-3		%
01-2119498298-18		

Full text of H-phrases: see section 16.

SECTION 4: First aid measures

Description of first aid measures

General information

Get medical advice/attention if you feel unwell. Take off immediately all contaminated clothing. Do not leave victim unattended.

After inhalation

Move victim out of danger zone. Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

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After ingestion

Seek medical advice. Caution if victim vomits: Risk of aspiration!

Most important symptoms and effects, both acute and delayed

No symptoms known up to now.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Foam. Dry extinguishing powder. Carbon dioxide (CO₂). Sand. Water spray.

Extinguishing media which must not be used for safety reasons

High power water jet. High power water jet.

Special hazards arising from the substance or mixture

Can be released in case of fire: Pyrolysis products, toxic. Carbon dioxide (CO₂). Carbon monoxide.

Advice for firefighters

Wear a self-contained breathing apparatus and chemical resistant suit. Do not allow water used to extinguish fire to enter drains or waterways. In case of fire and/or explosion do not breathe fumes. Extinguishing materials should be selected according to the surrounding area.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Wear respiratory protection when in the presence of vapour, dust, and aerosols.

Environmental precautions

High slip hazard because of leaking or spilled product. Do not empty into drains or the aquatic environment. Retain contaminated washing water and dispose. Do not allow to enter into soil/subsoil.

Methods and material for containment and cleaning up

Ensure waste is collected and contained. Treat the assimilated material according to the section on waste disposal. Absorbing material, organic. sand Remove mechanically, placing in appropriate containers for disposal. Clean contaminated objects and areas thoroughly observing environmental regulations. Avoid generation of dust.

Reference to other sections

See protective measures under point 7 and 8.

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling

It is recommended to organize all working processes in order to exclude the following: inhalation. skin contact. Eye contact. Use only in well-ventilated areas.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Usual measures for fire prevention.

Further information on handling

Do not eat, drink, smoke or sneeze at the workplace.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Ensure adequate ventilation of the storage area. Keep container tightly closed.

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Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

Occupational exposure controls

Occupational exposure controls: In the case of the formation of dust, aerosol or mist generation.

Protective and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace. Technical measures and the application of adequate working methods take priority over the use of personal protection equipment. Avoid contact with skin, eye and clothing.

Respiratory protection

Work in well ventilated zones or use proper respiratory protection.

Hand protection

Type of chemical protective gloves to choose depends on the concentration and quantity of dangerous substances as well as on work place specifications. When handling chemical substances, chemical protective gloves must be worn with CE label including a four digit code.

Eye protection

Tightly sealed safety glasses. Eye-shade.

Skin protection

When handling chemical substances, chemical protective clothing with CE label (including a four digit code) must be worn.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	solid
Colour:	off-white
Odour:	characteristic
Melting point:	> 80 °C

SECTION 10: Stability and reactivity

Reactivity

Thermal decomposition can lead to the escape of irritating gases and vapours.

Incompatible materials

Oxidizing agents, strong. Reducing agents, strong. Alkalis (alkalis), concentrated. acid, concentrated.

SECTION 11: Toxicological information

Information on toxicological effects

Toxicokinetics, metabolism and distribution

No information available.

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Acute toxicity

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
8001-78-3	Castor oil, hydrogenated				
	oral	LD50	>20000	Rat.	
	dermal	LD50	>2000	Rat.	
		mg/kg			
		mg/kg			

Irritation and corrosivity

Not an irritant.

Sensitising effects

no danger of sensitization.

Severe effects after repeated or prolonged exposure

No information available.

Carcinogenic/mutagenic/toxic effects for reproduction

This substance does not meet the criteria for classification as CMR category 1 or 2.

SECTION 12: Ecological information

Toxicity

CAS No	Chemical name				
	Aquatic toxicity	Method	Dose	h	Species
8001-78-3	Castor oil, hydrogenated				
	Acute fish toxicity	LC50	>10000 mg/l	96	Brachydanio rerio (zebrafish)
	Acute algae toxicity	ErC50	>100 mg/l	72	Scenedesmus subspicatus
	Acute crustacea toxicity	EC50	>100 mg/l	48	Daphnia magna

Persistence and degradability

Product is biodegradable.: >60% (28d, ISO10708)

Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
8001-78-3	Castor oil, hydrogenated	18,75

Further information

Do not allow uncontrolled leakage of product into the environment.

SECTION 13: Disposal considerations

Waste treatment methods

Advice on disposal

Collect the waste separately. Handle contaminated packaging in the same way as the substance itself.

Contaminated packaging

Hand over to officially registered waste disposal company.

SECTION 14: Transport information

Land transport (ADR/RID)

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Other applicable information (land transport)

Not a hazardous material with respect to these transportation regulations.

Inland waterways transport

Other applicable information (inland waterways transport)

Not a hazardous material with respect to these transportation regulations.

Marine transport

Other applicable information (marine transport)

Not a hazardous material with respect to these transportation regulations.

Air transport

Other applicable information (air transport)

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information

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

EU regulatory information

Additional information

No information available.

National regulatory information

Additional information

No information available.

SECTION 16: Other information

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations. The provision of this data sheet is optional as the product does not meet the criteria of article 31(1) a, b or c of Regulation 1907/2006.