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

1.1 Product identifier
SCHWEGO® foam 6305 (6305)

1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses
Defoamer

1.3 Details of the supplier of the safety data sheet
Supplier (manufacturer/importer/only representative/downstream user/distributor)

Bernd Schwegmann GmbH & Co. KG

Street : Wernher-von-Braun-Str. 14

Postal code/city : DE-53501 Grafschaft-Gelsdorf

Telephone : +49 22 25 / 92 26-0

Telefax : +49 22 25 / 92 26-48

e-mail address of competent person for MSDS: MSDS@SchwegmannNet.de

1.4 Emergency telephone number
+49 (0) 61 31 / 19 24 0 (POISON CENTER, 24 h in English and German)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
None

2.2 Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

2.3 Other hazards
This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

SECTION 3: Composition / information on ingredients

3.2 Mixtures
Hazardous ingredients

None

3.3 Additional information
Materials that are listed in the so-called "Candidate List of Substances of Very High Concern (SVHC) for authorisation[3] ", issued by the ECHA, are not intentionally any part of this product. It is therefore not to be expected that such materials are present in quantities $\geq$0,1 % in the product.

SECTION 4: First aid measures

4.1 Description of first aid measures
General information
Remove contaminated, saturated clothing immediately.
When in doubt or if symptoms are observed, get medical advice.

Following inhalation
Provide fresh air.

In case of respiratory tract irritation, consult a physician.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap.
In case of skin reactions, consult a physician.

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water.
Protect uninjured eye.

After ingestion

Do NOT induce vomiting. Rinse mouth immediately and drink plenty (~ 0,3 L) of water.
Never give anything by mouth to an unconscious person or a person with cramps.

4.2 Most important symptoms and effects, both acute and delayed

After ingestion : Gastrointestinal complaints

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam . Extinguishing powder . Water spray jet

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO2)
Possible in traces: Formaldehyde

5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4 Additional information

Move undamaged containers from immediate hazard area if it can be done safely.
Use water spray jet to protect personnel and to cool endangered containers.
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety. Provide adequate ventilation.
See protective measures under chapter 7 and 8.

For emergency responders

Prevent spread over a wide area (e.g. by containment or oil barriers).
Personal protection equipment: see section 8

6.2 Environmental precautions

Clear spills immediately. Do not allow to enter into soil/subsoil.
Cover drains. Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Take up mechanically, placing in appropriate containers for disposal.

Other information

Special danger of slipping by leaking/spilling product.

6.4 Reference to other sections

Safe handling: see section 7
Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

When using do not eat, drink, smoke, sniff.
Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500[1].

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Make sure spills can be contained, e.g. in sump pallets or kerbed areas.
Floors should be impervious, resistant to liquids and easy to clean. No ground outlets on containers.

Packaging materials

Keep/Store only in original container.

Requirements for storage rooms and vessels

Protect containers against damage.
Keep in a cool, well-ventilated place.

Hints on joint storage

Keep away from: Oxidising agent

Storage class (LGK) : 12

Further information on storage conditions

Observe technical data sheet.

Recommended storage temperature : 2 - 30° C

7.3 Specific end use(s)

Further information: see technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Personal protection equipment

Eye/face protection

Eye glasses with side protection

Skin protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Hand protection

Suitable material : NBR (Nitrile rubber)

Breakthrough time (maximum wearing time) : > 600 s (LEVEL 1)

Thickness of the glove material (mm) : 0,4

Additional hand protection measures : Wear cotton undermitten if possible.

Remark : For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
In the case of wanting to use the gloves again, clean them before taking off and air them well.

Respiratory protection

Usually no personal respirative protection necessary.
Provide adequate ventilation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : liquid

Colour : white

Odour

characteristic

Safety relevant basis data

Flow time :	(23 °C)	>	300	s	ISO 2431 (Flow cup 3 mm)
Melting point/melting range :		<	20	°C	Literature value
Initial boiling point and boiling range :	(1013 hPa)	>	100	°C	Literature value
Decomposition temperature :			No data available		
Flash point :			No data available		ISO 1523
Ignition temperature :			No data available		DIN 51794
Lower explosion limit :			No data available		Literature value
Upper explosion limit :			No data available		Literature value
Vapour pressure :	(50 °C)	<	0,1	bar	(calculated)
Density :	(20 °C)		0,99 - 1,02	g/cm³	ISO 2811-1
Relative density (aqua = 1) :	(20 °C)		0,99 - 1,02		
Water solubility :	(20 °C)		insoluble		
pH :	(20 °C)		7,3		DIN 19268
log $P_{o/w}$:			No data available		Literature value, solvent
Odour threshold :			No data available		
Relative vapour density :	(20 °C)		No data available		
Evaporation rate :			No data available		Literature value, solvent
Maximum VOC content (EC) :		<	0,1	Wt %	Directive 2010/75/EU
Maximum VOC content (Switzerland) :		<	0,1	Wt %	(calculated)
Flammable solids :	Not applicable.				
Oxidising liquids :	Not oxidising.				
Explosive properties :	Not explosive according to EU A.14.				

9.2 Other information

The VOC concentration was calculated by a method analogical to standard ISO11890-1.
Additional physical-chemical data are not available / have not been determined.

SECTION 10: Stability and reactivity

10.1 Reactivity

There are no data available on the mixture itself.

10.2 Chemical stability

The product is chemically stable under normal ambient conditions (+20° C room temperature).

10.3 Possibility of hazardous reactions

There are no data available on the mixture itself.

10.4 Conditions to avoid

Safe handling: see section 7

10.5 Incompatible materials

Oxidising agent, strong.
Strong acid

10.6 Hazardous decomposition products

> 150° C Formation of: Formaldehyde

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

Based on available data, the classification criteria are not met.

Acute oral toxicity

Mixture not tested.

Acute dermal toxicity

Mixture not tested.

Acute inhalation toxicity

Mixture not tested.

Irritant and corrosive effects

Serious eye damage/eye irritation : Mixture not tested.
Skin corrosion/irritation : Mixture not tested.

Sensitisation

Specific effects: Mixture not tested.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Germ cell mutagenicity

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Reproductive toxicity

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

STOT-single exposure

Mixture not tested.

STOT-repeated exposure

Mixture not tested.

Aspiration hazard

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

SECTION 12: Ecological information

12.1 Toxicity

There are no data available on the mixture itself.

Aquatic toxicity

Based on available data, the classification criteria are not met.

12.2 Persistence and degradability

There are no data available on the mixture itself.

12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

12.4 Mobility in soil

If product enters soil, it will be mobile and may contaminate groundwater.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects

Ozone depletion potential (ODP): This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

Additional ecotoxicological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of waste according to applicable legislation. Do not allow to enter into surface water or drains.

Product/Packaging disposal

Consult the appropriate local waste disposal expert about waste disposal.

Waste codes/waste designations according to EWC/AVV

16 03 06

Waste code packaging

15 01 10

Waste treatment options

Appropriate disposal / Package

Contaminated packages must be completely emptied and can be re-used following proper cleaning.

SECTION 14: Transport information

14.1 UN number

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user

See protective measures under chapter 7 and 8.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Not classified for this transport way.

SECTION 15: Regulatory information

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

National regulations

Water hazard class (WGK)

Class : 1 Classification according to AwSV

Additional information

Registration status

Ingredients/product listed in the following inventories:
EINECS/ELINCS (Europe)
ENCS (Japan)

PICCS (Philippines)

15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for this product (mixture).

SECTION 16: Other information

Indication of changes

15. Regulatory information

Abbreviations and acronyms

AGS: Ausschuss für Gefahrstoffe (German Commission on Hazardous Substances)
TRGS: Technical Rules of Hazardous Substances
RCP: Reciprocal calculation-based procedure
VOC: Volatile Organic Compounds
ISO: International Standards Organization
EN: European Standard
LGK: German storage class
ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement concernant le transport international ferroviaire des marchandises dangereuses (Regulations concerning the International Carriage of Dangerous Goods by Rail)
IMDG-Code: International Maritime Code for Dangerous Goods
GGVSee: German Carriage of Dangerous Goods by Sea Ordinance
GGVSEB: German Carriage of Dangerous Goods b road, rail and inland waterways
ICAO-TI: International Civil Aviation Organization-Technical Instructions
IATA-DGR: International Air Transport Association-Dangerous Goods Regulations
EINECS: European Inventory of Existing Commercial chemical Substances
ELINCS: European List of Notified Chemical Substances
TSCA: Toxic Substances Control Act
ENCS/MITI: Japanese Existing and New Chemical Substances List / Ministry of International Trade and Industry
DSL: Canadian Domestic Substance List
KECL/KECI: Korean Existing Chemicals List / Korea Existing Chemicals Inventory
IECSC: Inventory of Existing Chemical Substances in China
AICS: Australian Inventory of Chemical Substances
PICCS: Philippine Inventory of Chemicals and Chemical Substances
NZIoC: New Zealand Inventory of Chemicals
TCSI: Taiwan`s Chemical Substance Inventory
WGK: German Water pollution classification
AwSV: German ordinance on installations handling substances hazardous to water
BetrSichV: German Ordinance on Industrial Safety and Health
GefStoffV: German Hazardous Substances Ordinance
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent, very Bioaccumulative
CAS: Chemical Abstracts Service
EG/EU: European Union
UN: United Nations
CLP: classification labelling and packaging
TWA: Time weighted Average
STEL: Short term exposure limit

Key literature references and sources for data

[1] http://www.baua.de
[2] http://publikationen.dguv.de
[3] http://echa.europa.eu/en/candidate-list-table
The product is classified and labelled according to EC legislation.

Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification according to Regulation (EC) № 272/2008 [CLP]:
Physical hazards Flash point (°C)

Hazard statements for health hazards Calculation method.
Environmental hazards : Calculation method.

Relevant R-, H- and EUH-phrases (Number and full text)

Training advice

Special training for first aid necessary.

Additional information

Please refer to our internet website for more information: http://www.schwegmannnet.de

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.