

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

**SCHWEG**mann

Trade name : WETT AGENT 8023  
Revision date : 27.08.2019  
Print date : 27.08.2019

Version (Revision) : 3.1.0 (3.0.0)  
Supersedes date : 27.08.2019

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

### 1.1 Product identifier

WETT AGENT 8023 (8023)

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

Wetting additive  
Dispersing additive

#### Relevant identified uses

Wetting additive  
Dispersing additive

### 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]

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2A ; Causes serious eye irritation.

### 2.2 Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

##### Hazard pictograms



Exclamation mark (GHS07)

##### Signal word

Warning

##### Hazard statements

H319 Causes serious eye irritation.

##### Precautionary statements

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P337+P313 If eye irritation persists: Get medical advice/attention.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### 2.3 Other hazards

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

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### SECTION 3: Composition / information on ingredients

#### 3.2 Mixtures

##### Hazardous ingredients

Hydrocarbons, C11-C13, Isoalkanes, < 2% aromatics (Benzene < 0,1%); REACH registration No. : 01-2119456810-40 ; EC/List No. : 920-901-0; CAS No. : 90622-58-5

Weight fraction :  $\geq 3 - < 10$  %

Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304

Hydrocarbons, C11-C14, Isoalkanes, cyclics, < 2% aromatics (Benzene < 0,1%); REACH registration No. : 01-2119480162-45 ; EC/List No. : 927-285-2; CAS No. : 90622-58-5

Weight fraction :  $\geq 3 - < 10$  %

Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304

Alcohols, C9-16, ethoxylated (8 EO) ; EC/List No. : -Polymer-

Weight fraction :  $\geq 1 - < 3$  %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

##### Additional information

Full text of H- and EUH-phrases: see section 16.

#### 3.3 Additional information

Materials that are listed in the so-called "Candidate List of Substances of Very High Concern (SVHC) for authorisation<sup>3</sup>", 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. Wash contaminated clothing prior to re-use.  
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 thoroughly with water.

Never give anything by mouth to an unconscious person or a person with cramps.

Observe risk of aspiration if vomiting occurs.

Call a physician in any case!

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

See section 2.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

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## Suitable extinguishing media

Water spray jet . Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. . Dry extinguishing powder

## 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 (CO<sub>2</sub>).

### 5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.  
Use caution when applying carbon dioxide in confined spaces. Carbon dioxide can displace oxygen.  
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<sup>1</sup>.

#### Measures to prevent fire

Vapours are heavier than air, spread along floors and form explosive mixtures with air. Remove all sources of ignition.  
Take precautionary measures against static discharges. Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.

Fire class : B

### 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.

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## 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) :** 10

## 7.3 Specific end use(s)

Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

Hydrocarbons, C11-C13, Isoalkanes, < 2% aromatics (Benzene < 0,1%); CAS No. : 90622-58-5

Limit value type (country of origin) : TRGS 900 ( D )

Parameter : (RCP-Method)

Limit value : 300 mg/m<sup>3</sup>

Peak limitation : 2(II)

Remark : AGS

Version : 01.09.2017

Hydrocarbons, C11-C14, Isoalkanes, cyclics, < 2% aromatics (Benzene < 0,1%); CAS No. : 90622-58-5

Limit value type (country of origin) : TRGS 900 ( D )

Parameter : (RCP-Method)

Limit value : 300 mg/m<sup>3</sup>

Peak limitation : 2(II)

Remark : AGS

Version : 01.09.2017

#### Recommended monitoring procedures

See the series of publications by the German Federal Institute for Occupational Safety and Medicine (Bundesanstalt für Arbeitsschutz und Arbeitsmedizin - BAuA)<sup>1</sup> and BS EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents."

### 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 according to EN 166

##### 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 :** FKM (fluoro rubber)

**Breakthrough time (maximum wearing time) :** > 14400 s (LEVEL 5)

**Thickness of the glove material (mm) :** 0,7

**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

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

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Suitable respiratory protection apparatus: Combination filtering device (EN 14387) A - P 2

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Physical state : liquid

Colour : dark brown , clear

#### Odour

characteristic

#### Safety relevant basis data

Flow time :	( 23 °C )	>	40 s	ISO 2431 (Flow cup 3 mm)
Melting point/melting range :		<	10 °C	Literature value
Initial boiling point and boiling range :	( 1013 hPa )	>	100 °C	Literature value
Decomposition temperature :			No data available	
Flash point :		>	100 °C	ISO 1523
Ignition temperature :			No data available	DIN 51794
Lower explosion limit :			0,6 Vol-%	Literature value
Upper explosion limit :			7 Vol-%	Literature value
Vapour pressure :	( 50 °C )	<	0,05 bar	(calculated)
Density :	( 20 °C )		0,97 - 1,01 g/cm <sup>3</sup>	ISO 2811-1
Relative density (aqua = 1) :	( 20 °C )		0,97 - 1,01	
Water solubility :	( 20 °C )		No data available	(calculated)
pH :	( 20 °C )		not applicable	DIN 19268
log P <sub>o/w</sub> :			No data available	Literature value, solvent
Cinematic viscosity :	( 40 °C )	>	20,5 mm <sup>2</sup> /s	
Odour threshold :			No data available	
Relative vapour density :	( 20 °C )		No data available	
Vapourisation rate :			No data available	Literature value, solvent
Maximum VOC content (EC) :			12,6 Wt %	Directive 2010/75/EU
Maximum VOC content (Switzerland) :			12,5 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.

The designation of explosive limits refers to the flammable mixture constituents and not to the overall product.

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

No known hazardous reactions.

### 10.4 Conditions to avoid

There are no data available on the mixture itself.

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## 10.5 Incompatible materials

Oxidising agent

## 10.6 Hazardous decomposition products

Vapours can form explosive mixtures with air.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute effects

##### Acute dermal toxicity

Mixture not tested.

##### Acute inhalation toxicity

Mixture not tested.

#### Irritant and corrosive effects

Skin corrosion/irritation : Mixture not tested.

Serious eye damage/eye 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

Hydrocarbon content (%): > 10 %

Cinematic viscosity (40°C): > 20,5 mm<sup>2</sup>/s

## SECTION 12: Ecological information

### 12.1 Toxicity

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

### 12.2 Persistence and degradability

Biodegradable. : > 70 %

The statement is derived from the properties of the single components.

### 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].

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## 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 05

#### 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

#### EU legislation

##### Authorisations and/or restrictions on use

To follow : REACH, Annex XVII, No. 3

#### 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)

TSCA (USA)

ENCS (Japan)

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AICS (Australia)  
NZIoC (New Zealand)  
IECSC (China)  
KECL (South Korea)  
PICCS (Philippines)  
TCSI (Taiwan)

### 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)  
AwSV: Ordinance on facilities for handling substances that are hazardous to water  
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 by 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

- <sup>1</sup> <http://www.baua.de>
- <sup>2</sup> <http://publikationen.dguv.de>
- <sup>3</sup> <http://echa.europa.eu/en/candidate-list-table>



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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) N° 272/2008 [CLP]:

Physical hazards: Flash point (°C)

Health hazards : Calculation method.

Environmental hazards : Calculation method.

**Relevant H- and EUH-phrases (Number and full text)**

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

**Training advice**

Special training for first aid necessary.

**Additional information**

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

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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.

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