Telefax: +49(0)8593 93 96 206

# **Safety Data Sheet**

according to UK REACH Regulation

# **Protect**

Revision date: 15.03.2022 Product code: Page 1 of 12

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

#### 1.1. Product identifier

Protect

UFI: P050-H0T9-Q007-64J9

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

#### Use of the substance/mixture

Hydrophobing agent

#### Uses advised against

Any non-intended use.

# 1.3. Details of the supplier of the safety data sheet

Manufacturer

Company name: Schaich Chemie und Bautenschutz GmbH

Street: Ficht 8

Place: D-94107 Untergriesbach
Telephone: +49(0)8593 93 96 207

e-mail: info@schaich-chemie.de Internet: www.schaich-chemie.de

Responsible Department: +49 (0)8593 9396207 (8:00-16:00)

**Supplier** 

Company name: Stein & Co. GmbH

Street: Wirtschaftspark Straße 3/9

Place: A-4482 Ennsdorf

**1.4. Emergency telephone** +49 (0)8593 9396207 (8:00-13:00)

number:

# **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

#### **GB CLP Regulation**

Asp. Tox. 1; H304

Full text of hazard statements: see SECTION 16.

# 2.2. Label elements

# **GB CLP Regulation**

#### Hazard components for labelling

Hydrocarbons, C11-C14 n-alkanes, iso-alkanes, cyclics, <2% aromatics

Signal word: Danger

Pictograms:



# **Hazard statements**

H304 May be fatal if swallowed and enters airways.

# **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

# according to UK REACH Regulation

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P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

# Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

#### 2.3. Other hazards

For information or further instructions, see also section 11 or 12.

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

#### 3.2. Mixtures

#### **Hazardous components**

CAS No	Chemical name						
	EC No	Index No	REACH No				
	Classification (GB CLP Regu	ılation)	•				
	Hydrocarbons, C11-C14 n-alkanes, iso-alkanes, cyclics, <2% aromatics						
	926-141-6 01-2119456620-43						
	Asp. Tox. 1; H304 EUH066						
-	Alkylsilane			1 - < 3 %			
	-						
	Skin Irrit. 2; H315	•	•				
67-56-1	methanol						
	200-659-6	603-001-00-X	01-2119433307-44				
	Flam. Liq. 2, Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, STOT SE 1; H225 H331 H311 H301 H370						

Full text of H and EUH statements: see section 16.

# Specific Conc. Limits, M-factors and ATE

Shecilic or	onc. Emmo, wi-la	Clors and ATE							
CAS No	EC No	Chemical name							
	Specific Conc.	Specific Conc. Limits, M-factors and ATE							
	926-141-6	1-6 Hydrocarbons, C11-C14 n-alkanes, iso-alkanes, cyclics, <2% aromatics							
	inhalation: LC50 = > 20 mg/l (vapours); dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg								
67-56-1	200-659-6	methanol	0.1 - < 0.2 %						
	inhalation: LC50 = 128,2 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); dermal: LD50 = 15800 mg/kg; oral: LD50 = > 1187 - 2769 mg/kg STOT SE 1; H370: >= 10 - 100 STOT SE 2; H371: >= 3 - < 10								

#### **Further Information**

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH)

# **SECTION 4: First aid measures**

# 4.1. Description of first aid measures

# General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

#### After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

# according to UK REACH Regulation

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#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. In case of skin irritation, seek medical treatment.

#### After contact with eyes

Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist.

# After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Observe risk of aspiration if vomiting occurs. Never give anything by mouth to an unconscious person or a person with cramps. When in doubt or if symptoms are observed, get medical advice.

Always assume that aspiration has occurred. Seek professional medical attention or send the casualty to a hospital. Do not wait for symptoms to develop.

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

Inhalation can cause damage to the respiratory tract or lungs.

#### 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

Sand. Foam. Carbon dioxide (CO2). Extinguishing powder. In case of major fire and large quantities: Water spray jet. Water mist.

# Unsuitable extinguishing media

High power water jet.

# 5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO2).

# 5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. In case of fire: Wear self-contained breathing apparatus.

### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Co-ordinate fire-fighting measures to the fire surroundings.

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

# 6.1. Personal precautions, protective equipment and emergency procedures

#### General advice

Safe handling: see section 7

# For non-emergency personnel

Wear personal protection equipment (refer to section 8).

#### For emergency responders

No special measures are necessary.

# 6.2. Environmental precautions

Discharge into the environment must be avoided.

# 6.3. Methods and material for containment and cleaning up

#### For containment

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

#### For cleaning up

Clean contaminated objects and areas thoroughly observing environmental regulations.

#### according to UK REACH Regulation

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# 6.4. Reference to other sections

Disposal: see section 13

# **SECTION 7: Handling and storage**

# 7.1. Precautions for safe handling

#### Advice on safe handling

Wear suitable protective clothing. See section 8.

# Advice on protection against fire and explosion

Usual measures for fire prevention.

#### Advice on general occupational hygiene

Always close containers tightly after the removal of product. Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and after work.

#### Further information on handling

General protection and hygiene measures: See section 8.

# 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

#### Hints on joint storage

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

#### Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity.

Recommended storage temperature: 20°C

Protect against: frost. UV-radiation/sunlight. heat. Humidity

# 7.3. Specific end use(s)

See section 1.

# **SECTION 8: Exposure controls/personal protection**

# 8.1. Control parameters

# **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
67-56-1	Methanol	200	266		TWA (8 h)	WEL
		250	333		STEL (15 min)	WEL

#### **DNEL/DMEL values**

CAS No	Substance							
DNEL type		Exposure route	Effect	Value				
67-56-1	methanol							
Worker DNEL,	long-term	inhalation	systemic	130 mg/m³				
Worker DNEL, acute		inhalation	systemic	130 mg/m³				
Worker DNEL,	long-term	inhalation	local	130 mg/m³				
Worker DNEL,	acute	inhalation	local	130 mg/m³				
Worker DNEL,	Worker DNEL, long-term		systemic	20 mg/kg bw/day				
Worker DNEL, acute		dermal	systemic	20 mg/kg bw/day				
Consumer DNEL, long-term		inhalation	systemic	26 mg/m³				

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Consumer DNEL, acute	inhalation	systemic	26 mg/m³
Consumer DNEL, long-term	inhalation	local	26 mg/m³
Consumer DNEL, acute	inhalation	local	26 mg/m³
Consumer DNEL, long-term	dermal	systemic	4 mg/kg bw/day
Consumer DNEL, acute	dermal	systemic	4 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	4 mg/kg bw/day
Consumer DNEL, acute	oral	systemic	4 mg/kg bw/day

#### **PNEC values**

CAS No	Substance			
Environmenta	Environmental compartment			
67-56-1	1 methanol			
Freshwater	20,8 mg/l			
Freshwater (i	1540 mg/l			
Marine water	2,08 mg/l			
Freshwater s	77 mg/kg			
Marine sedim	7,7 mg/kg			
Micro-organis	100 mg/l			
Soil	100 mg/kg			

### 8.2. Exposure controls



#### Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Provide adequate ventilation.

# Individual protection measures, such as personal protective equipment

# Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible). BS/EN 166

#### Hand protection

Wear suitable gloves.

Suitable material:

FKM (fluororubber). - Thickness of glove material: 0,4 mm

Breakthrough time >= 8 h

Butyl rubber. - Thickness of glove material: 0,5 mm

Breakthrough time >= 8 h

CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm

Breakthrough time >= 8 h

NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm

Breakthrough time >= 8 h

PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm

Breakthrough time >= 8 h

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.

The selected protective gloves have to satisfy the specifications of EU Directive EC/2016/425 and the standard EN ISO 374 derived from it.

Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them

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before taking off and air them well.

#### Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS

# Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

- -exceeding exposure limit values
- -Insufficient ventilation and aerosol or mist formation

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). Type: P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

#### **Environmental exposure controls**

Do not allow uncontrolled discharge of product into the environment.

# **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

Physical state: liquid Colour: transparent characteristic Odour:

#### Changes in the physical state

Melting point/freezing point: not determined Boiling point or initial boiling point and not determined

boiling range:

Sublimation point: not determined Softening point: not determined Pour point: not determined Flash point: not determined

#### **Explosive properties**

none

not determined Lower explosion limits: Upper explosion limits: not determined Auto-ignition temperature: not determined

Self-ignition temperature

not determined Gas: Decomposition temperature: not determined pH-Value: Viscosity / dynamic: not determined Viscosity / kinematic: not determined Flow time: not determined Water solubility: not determined

Solubility in other solvents

not determined

Partition coefficient n-octanol/water: SECTION 12: Ecological information not determined Vapour pressure:

#### according to UK REACH Regulation

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Density: not determined
Relative vapour density: not determined

#### 9.2. Other information

# Information with regard to physical hazard classes

Sustaining combustion: Not sustaining combustion

Oxidizing properties

none

#### Other safety characteristics

Solvent separation test:

Solvent content:

not determined

Solid content:

not determined

rot determined

rot determined

not determined

Evaporation rate:

not determined

**Further Information**No information available.

# **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

No information available.

#### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

# 10.3. Possibility of hazardous reactions

Refer to chapter 10.5.

# 10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

# 10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

# 10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO2).

# **SECTION 11: Toxicological information**

# 11.1. Information on hazard classes as defined in GB CLP Regulation

#### Toxicocinetics, metabolism and distribution

No data available.

#### **Acute toxicity**

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

CAS No	Chemical name								
	Exposure route	Dose		Species	Source	Method			
	Hydrocarbons, C11-C14 n-alkanes, iso-alkanes, cyclics, <2% aromatics								
	oral	LD50 mg/kg	> 5000	Rat.	ECHA Dossier				
	dermal	LD50 mg/kg	> 5000	Rat.	ECHA Dossier				
	inhalation (4 h) vapour	LC50	> 20 mg/l	Rat.	ECHA Dossier				
67-56-1	methanol								

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oral	LD50 2769 mg/kg		Rat	ECHA Dossier	
dermal	LD50 mg/kg	15800	Rabbit		
\	LC50 mg/l	128,2	Rat	ECHA Dossier	
inhalation dust/mist	ATE	0,5 mg/l			

# Irritation and corrosivity

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

#### Sensitising effects

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

#### Carcinogenic/mutagenic/toxic effects for reproduction

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

#### STOT-single exposure

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

# STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

#### **Aspiration hazard**

May be fatal if swallowed and enters airways.

# Specific effects in experiment on an animal

No data available.

# 11.2. Information on other hazards

#### **Endocrine disrupting properties**

No data available.

# **SECTION 12: Ecological information**

# 12.1. Toxicity

The product has not been tested.

CAS No	Chemical name										
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method				
	Hydrocarbons, C11-C14	Hydrocarbons, C11-C14 n-alkanes, iso-alkanes, cyclics, <2% aromatics									
	Acute fish toxicity	LC50 >1000 mg/l	LL50	96 h	Oncorhynchus mykiss	ECHA Dossier					
	Acute algae toxicity	ErC50 mg/l	> 1000	72 h	Pseudokirchneriella subcapitata	ECHA Dossier	OECD Guideline 201				
	Acute crustacea toxicity	EC50 >1000 mg/l	EL50	48 h	Daphnia magna	ECHA Dossier					
67-56-1	methanol										
	Acute fish toxicity	LC50 mg/l	15400	96 h	Lepomis macrochirus	Bulletin of Environmental Contamination	EPA-660/3-75-00 9, 1975				
	Acute algae toxicity	ErC50 22000 mg/l	ca.	96 h	Pseudokirchneriella subcapitata	Ecotoxicology and Environmental Safety 7	OECD Guideline 201				
	Acute crustacea toxicity	EC50 mg/l	18260	48 h	Daphnia magna	ECHA Dossier					
	Fish toxicity	NOEC mg/l	446,7	28 d	Pimephales promelas	SAR and QSAR in Environmental Research,	ECOSAR				

# according to UK REACH Regulation

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Crustacea toxicity	NOEC	208 mg/l	21 d Daphnia magna	OECD QSAR Toolbox Report (2013)	

#### 12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
	Hydrocarbons, C11-C14 n-alkanes, iso-alkanes, cyclics, <2% aromatics			
	OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D	69%	28	ECHA Dossier
	Readily biodegradable (according to OECD criteria).			
67-56-1	methanol			
	other guideline	76%	20	ECHA Dossier
	67-56-1			

# 12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
67-56-1	methanol	-0,77

#### **BCF**

CAS No	Chemical name	BCF	Species	Source
	Hydrocarbons, C11-C14 n-alkanes, iso-alkanes, cyclics, <2% aromatics	144,3	calculated	ECHA Dossier
67-56-1	methanol	< 10	Leuciscus idus melanotus	Chemosphere 14(10):

#### 12.4. Mobility in soil

No data available.

# 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

The aforementioned statement applies to substances contained in the product with a minimum content of 0.1 %.

# 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The aforementioned statement applies to substances contained in the product with a minimum content of 0.1 %.

#### 12.7. Other adverse effects

No data available.

#### **Further information**

Do not allow to enter into surface water or drains.

# **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

#### **Disposal recommendations**

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal.

Non-contaminated packages may be recycled.

According to (EWC) European Waste Catalogue, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to (EWC) European Waste Catalogue:

according to UK REACH Regulation

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List of Wastes Code - residues/unused products

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused

products; organic wastes containing hazardous substances; hazardous waste

List of Wastes Code - used product

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused

products; organic wastes containing hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND

PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by

hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

#### **SECTION 14: Transport information**

#### Land transport (ADR/RID)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Refer to section 6-8

14.7. Maritime transport in bulk according to IMO instruments

not relevant

# **SECTION 15: Regulatory information**

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

#### **EU** regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 69

2010/75/EU (VOC):

No information available.

No information available.

according to UK REACH Regulation

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Information according to 2012/18/EU

Not subject to 2012/18/EU (SEVESO III)

(SEVESO III):

#### **Additional information**

Safety Data Sheet according to UK-REACH Regulation

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

UK REACH Appendix XVII, No (mixture): 3

#### **National regulatory information**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile

work protection guideline' (94/33/EC).

Water hazard class (D): 2 - obviously hazardous to water

#### 15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Hydrocarbons, C11-C14 n-alkanes, iso-alkanes, cyclics, <2% aromatics

methanol

# **SECTION 16: Other information**

#### Changes

Rev. 1,0; Initial release: 26.01.2021 Rev. 2,0; Revision: 15.03.2022

# Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement

concerning the International Carriage of Dangerous Goods by Road)

AGW: Arbeitsplatzgrenzwert CAS: Chemical Abstracts Service

CLP: Classification, Labelling and Packaging of substances and mixtures

DNEL: Derived No Effect Level

d: day(s)

EINECS: European INventory of Existing Commercial chemical Substances

ELINCS: European List of Notified Chemical Substances

ECHA: European Chemicals Agency EWC: European Waste Catalogue

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

h: hour

LOAEL: Lowest observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NOAEL: No observed adverse effect level

NOAEC: No observed adverse effect concentration

NLP: No-Longer Polymers

N/A: not applicable

OECD: Organisation for Economic Co-operation and Development

PNEC: predicted no effect concentration PBT: Persistent bioaccumulative toxic

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail

REACH: Registration, Evaluation, Authorisation of Chemicals

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SVHC: substance of very high concern TRGS: Technische Regeln für Gefahrstoffe

**UN: United Nations** 

VOC: Volatile Organic Compounds

# Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Asp. Tox. 1; H304	Calculation method

sp. Tox. 1; H304	Calculation method		
Relevant H and FLIH statements (number and full text)			

H225 Highly flammable liquid and vapour. H301 Toxic if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic in contact with skin. H315 Causes skin irritation. H331 Toxic if inhaled.

H370 Causes damage to organs.

**EUH066** Repeated exposure may cause skin dryness or cracking.

#### **Further Information**

Classification according to GHS [UK CLP] - Classification procedure:

Health hazards: Calculation method. Environmental hazards: Calculation method.

Physical hazards: On basis of test data and / or calculated and / or estimated.

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.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)