

# Safety Data Sheet

HL-Technology GmbH

according to Regulation (EC) No 1907/2006

## Schneidöl Aquacut B Konzentrat

Revision date: 16.05.2017

Prod.Nr.: HL9593XX

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

#### 1.1. Product identifier

Schneidöl Aquacut B Konzentrat

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

##### Use of the substance/mixture

Metal working fluids

##### Uses advised against

none

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

Company name:	HL-Technology GmbH	
Street:	Brunnenstr.28a	
Place:	D-32052 Herford	
Telephone:	+49(0)5221-10227-30	Telefax: +49(0)5221-10227-40
e-mail:	info@hl-technology.de	
Contact person:	Dennis Kabul	Telephone: +49(0)5221-10227-35
e-mail:	sdb@hl-technology.de	
Internet:	www.hl-technology.de	
Responsible Department:	Sicherheitsdatenblätter / Datenmanagement	

#### 1.4. Emergency telephone

**number:** Die Nummer der Gesellschaft ist nur zu Bürozeiten besetzt:

+49(0)5221-10227-30 (8:00 - 17:00 Uhr)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No. 1272/2008

Hazard categories:

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Causes serious eye irritation.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

**Signal word:** Warning

**Pictograms:**



##### 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.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

##### Additional advice on labelling

Classification according to Regulation (EC) No 1272/2008 [CLP]

#### 2.3. Other hazards

Wear suitable protective clothing, gloves and eye/face protection.

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Contains: Mineral oil, Emulsifier, Additive.

Extraction-Dimethylsulfoxide (DMSO) < 3% (IP346)

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic			50 - < 100 %
	265-158-7		01-2119487077-29	
	Asp. Tox. 1; H304			
68608-26-4	Sulfonic acids, petroleum, sodium salts			5 - < 10 %
	271-781-5		01-2119527859-22	
	Eye Irrit. 2; H319			
102-71-6	Triethanolamine			2,5 - < 5 %
	203-049-8		01-2119486482-31	
57635-48-0	Glycolic acid ethoxylate oleyl ether			1 - < 2,5 %
	611-563-2			
	Skin Irrit. 2, Eye Dam. 1; H315 H318			
66204-44-2	3,3'-methylenebis[5-methyloxazolidine]			0,1 - < 1 %
	266-235-8			
	Acute Tox. 4, Acute Tox. 4, Skin Corr. 1C; H332 H302 H314			

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Change contaminated clothing.

##### After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

##### After contact with skin

After contact with skin, wash immediately with: Water and soap. Seek medical attention if problems persist.

##### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Medical treatment necessary.

##### After ingestion

Have victim drink large quantities of water, with active charcoal if possible. Caution if victim vomits: Risk of aspiration!

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### **Suitable extinguishing media**

Foam. Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>).

##### **Unsuitable extinguishing media**

High power water jet.

#### 5.2. Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes.

#### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

#### **Additional information**

Use water spray jet to protect personnel and to cool endangered containers.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

#### 6.2. Environmental precautions

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).

#### 6.4. Reference to other sections

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

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### **Advice on safe handling**

Avoid contact with skin and eyes.

##### **Advice on protection against fire and explosion**

The product is not: Combustible.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### **Requirements for storage rooms and vessels**

Store only in original container. Keep only in the original container in a cool, well-ventilated place. Always close containers tightly after the removal of product.

##### **Further information on storage conditions**

Protect against: heat. UV-radiation/sunlight.

#### 7.3. Specific end use(s)

Observe technical data sheet.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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### DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
102-71-6	Triethanolamine			
Worker DNEL, long-term		dermal	systemic	6,3 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	5 mg/m³
Worker DNEL, long-term		inhalation	local	5 mg/m³
Consumer DNEL, long-term		dermal	systemic	3,1 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	1,25 mg/m³
Consumer DNEL, long-term		oral	systemic	13 mg/kg bw/day
Consumer DNEL, long-term		inhalation	local	1,25 mg/m³

### PNEC values

CAS No	Substance	
Environmental compartment		Value
102-71-6	Triethanolamine	
Freshwater		0,32 mg/l
Marine water		0,032 mg/l
Freshwater sediment		1,7 mg/kg
Marine sediment		0,17 mg/kg
Micro-organisms in sewage treatment plants (STP)		10 mg/l
Soil		0,151 mg/kg

### 8.2. Exposure controls

#### Protective and hygiene measures

Avoid contact with skin, eyes and clothes.

#### Eye/face protection

Tightly sealed safety glasses.

#### Hand protection

Hand protection: NBR (Nitrile rubber). The required protective gloves have to be specified by the glove material and the penetration time of the glove material depending on strength and duration of dermal exposition.

#### Skin protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

#### Respiratory protection

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

## SECTION 9: Physical and chemical properties

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

Physical state: liquid  
Colour: light brown  
Odour: mineral oil.

#### Test method

pH-Value: 9,3 - 9,8 (g/L:50) DIN 51369

#### Changes in the physical state

Melting point: No data available

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Initial boiling point and boiling range:	100 °C
Flash point:	> 100 °C
Lower explosion limits:	0,6 vol. %
Upper explosion limits:	6,5 vol. %
Ignition temperature:	No data available
Density (at 20 °C):	0,86 - 0,88 g/cm³ DIN 51757
Water solubility:	emulsifiable
Viscosity / kinematic: (at 20 °C)	68 mm²/s DIN 51562

### 9.2. Other information

Solid content:	No data available
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

No data available

### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

Oxidizing agents. acid, concentrated.

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
66204-44-2	3,3'-methylenebis[5-methyloxazolidine]				
	oral	ATE 500 mg/kg			
	inhalative vapour	ATE 11 mg/l			
	inhalative aerosol	ATE 1,5 mg/l			

#### Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: 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.

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### STOT-repeated exposure

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

### Aspiration hazard

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

## SECTION 12: Ecological information

### 12.1. Toxicity

No data available

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
102-71-6	Triethanolamine					
	Acute fish toxicity	LC50 > 100 mg/l	96 h	Pimephales promelas (fathead minnow)		
	Acute algae toxicity	ErC50 > 100 mg/l	72 h	Desmodesmus subspicatus		
	Acute crustacea toxicity	EC50 > 100 mg/l	48 h	Ceriodaphnia spec		
	Crustacea toxicity	NOEC 16 mg/l	21 d	Daphnia magna (Big water flea)		
	Acute bacteria toxicity	(1000 mg/l)				OECD 209

### 12.2. Persistence and degradability

No data available

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
102-71-6	Triethanolamine			
	OECD 301B	> 60	5	
	Readily biodegradable (according to OECD criteria).			

### 12.3. Bioaccumulative potential

No data available

#### BCF

CAS No	Chemical name	BCF	Species	Source
102-71-6	Triethanolamine	3,9	Cyprinus carpio (Common Carp)	

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Other adverse effects

No data available

#### Further information

product has not been tested. Do not allow uncontrolled leakage of product into the environment.  
slightly hazardous to water (WGK 1)

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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#### Advice on disposal

Waste is to be kept separate from other types of waste until its recycling.

#### Waste disposal number of waste from residues/unused products

120109 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; machining emulsions and solutions free of halogens; hazardous waste

#### Waste disposal number of used product

120109 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; machining emulsions and solutions free of halogens; hazardous waste

#### Waste disposal number of 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

Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

#### Land transport (ADR/RID)

##### Other applicable information (land transport)

No dangerous good in sense of this transport regulation.

#### Inland waterways transport (ADN)

##### Other applicable information (inland waterways transport)

No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

##### Other applicable information (marine transport)

No dangerous good in sense of this transport regulation.

#### Air transport (ICAO-TI/IATA-DGR)

##### Other applicable information (air transport)

No dangerous good in sense of this transport regulation.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

#### 14.6. Special precautions for user

No data available

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

## 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 28: Distillates (petroleum), hydrotreated light paraffinic

##### National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

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#### **15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

#### **SECTION 16: Other information**

##### **Relevant H and EUH statements (number and full text)**

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

##### **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.

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