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

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

* 1.1. Product identifier

Trade name/designation:

RAVENOL Bremsenreiniger

Article No.: 1360030 UFI: V3DK-2A1F-5CCG-0X9D CAS No.: 68290-06-9 EC No.: 920-750-0

REACH No.: 01-2119473851-33

1.2. Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture:

Reiniger

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

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Ravensberger Schmierstoffvertrieb GmbH

Produktsicherheit Jöllenbecker Str. 2 33824 Werther Germany **Telephone:** +49 5203 9719 0 **Telefax:** +49 5203 9719 40 **E-mail:** kontakt@ravenol.de **Website:** www.ravenol.de

E-mail (competent person): sdb@ravenol.de

* 1.4. Emergency telephone number

24 hr. emergency phone number, 24h: +49 700 24 112 112 (Contract ID: RAV) / +1 872 5888271 (Contract ID: RAV)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids (Flam. Liq. 2)	H225: Highly flammable liquid and vapour.	On basis of test data.
Aspiration hazard (Asp. Tox. 1)	H304: May be fatal if swallowed and enters airways.	Calculation method.
STOT-single exposure (STOT SE 3)	H336: May cause drowsiness or dizziness.	Calculation method.
Hazardous to the aquatic environment (Aquatic Chronic 2)	H411: Toxic to aquatic life with long lasting effects.	Calculation method.

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2.2. Label ele	ements				
Labelling acc	ording to Regulation (EC) No. 1272/2008 [CLP]				
Hazard pictogr					
< (7)					
GHS02 Flame	GHS07 GHS08 GHS09 Exclamation mark Health hazard Environment				
Signal word: Da					
-	nents for labelling:				
	C7-C9, n-alkanes, iso-alkanes, cyclics <2% aromatics				
Hazard statem	ents for physical hazards				
H225	Highly flammable liquid and vapour.				
Hazard statem	ents for health hazards				
H304	May be fatal if swallowed and enters airways.				
H336	May cause drowsiness or dizziness.				
Hazard statem	ents for environmental hazards				
H411	Toxic to aquatic life with long lasting effects.				
C					
EUH066	hazard information				
	Repeated exposure may cause skin dryness or cracking.				
Precautionary :					
P101 If medical advice is needed, have product container or label at hand.					
P102 Keep out of reach of children.					
Precautionary	statements Prevention				
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoki				
P264	Wash hands thoroughly after handling.				
P271	Use only outdoors or in a well-ventilated area.				
P273	Avoid release to the environment.				
Precautionary	statements Response				
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/Emergency telephone number.				
P331	Do NOT induce vomiting.				
P391	Collect spillage.				
Precautionary	statements Storage				
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.				
P405	Store locked up.				
Precautionary	statements Disposal				
P501	Dispose of contents/container to an appropriate recycling or disposal facility.				
2.3. Other ha					
Other adverse					
	does not meet the PBT/vPvB criteria of REACH, Annex XIII.				
SECTION 3:	Composition/information on ingredients				
3.1. Substand	ces				
Additional info					
	No. 648/2004 [Detergents regulation]: Contains: >= 30 % aliphatic hydrocarbons				
Regulation (EC)					

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Product identifiers	Substance name	Concentration
CAS No.: 68290-06-9	Classification according to Regulation (EC) No 1272/2008 [CLP] Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cyclics <2%	100
EC No.: 920-750-0	aromatics	weight-%
REACH No.:	Aquatic Chronic 2 (H411), Asp. Tox. 1 (H304), Flam. Liq. 2 (H225), STOT SE 3 (H336)	
01-2119473851-33	(1) (1) Danger	
Full text of H- and EUH-ph		ļ
SECTION 4: First	aid measures	
1.1. Description of	first aid measures	
General information:		
	inwellness, seek medical advice immediately (show directions for u	
	Remove victim out of the danger area. Remove contaminated, sat	
affected person unatte	athing normally, place in recovery position and seek medical advice	e. Do not leave
Following inhalation:		
Remove person to fresh	h air and keep comfortable for breathing. When in doubt or if symp	otoms are
observed, get medical		
n case of skin contac		or if our manter and
are observed, get medi	wash immediately with plenty of water and soap. When in doubt of ical advice.	or it symptoms
After eye contact:		
In case of contact with	eyes flush immediately with plenty of flowing water for 10 to 15 m	
	ult an ophthalmologist. Remove contact lenses, if present and easy	y to do. Continu
rinsing.		
Following ingestion: Rinse mouth thoroughly	y with water. Do NOT induce vomiting. Observe risk of aspiration if	vomitina
occurs. Call a physiciar		
Self-protection of the		
Use personal protection	n equipment. No direct artificial respiration to be given by first aide	er.
	t symptoms and effects, both acute and delayed	
May be fatal if swallow	, May cause respiratory irritation. Dizziness, fatigue	
May cause drowsiness		
	y cause skin dryness or cracking.	
	ny immediate medical attention and special treatm	ent needed
	Symptoms can occur only after several hours. Aspiration hazard	
	ighting measures	
5.1. Extinguishing		
Suitable extinguishing		
Carbon dioxide (CO2)	g measures to the fire surroundings.	
Extinguishing powder		
Water mist		
alcohol resistant foam	protect percepted and to cash and any area castainers	
Jnsuitable extinguish	protect personnel and to cool endangered containers.	
Full water jet	ing incului	
	Is arising from the substance or mixture	
Flammable. Do not inha	ale explosion and combustion gases. Danger of suffocation in case	of accumulatio
Flammable. Do not inha in lowlying or closed ro	ale explosion and combustion gases. Danger of suffocation in case oms.	of accumulatio
Flammable. Do not inha in lowlying or closed ro lazardous combustio	ale explosion and combustion gases. Danger of suffocation in case oms.	of accumulatic

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* 5.3. Advice for firefighters

Do not inhale explosion and combustion gases. Move undamaged containers from immediate hazard area if it can be done safely. In case of fire: Wear self-contained breathing apparatus.

* 5.4. Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Fire class: B 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

6.1.1. For non-emergency personnel

Personal precautions:

Use personal protection equipment. Special danger of slipping by leaking/spilling product.

Protective equipment:

Personal protection equipment: see section 8

Emergency procedures:

Eliminate all ignition sources if safe to do so. Remove persons to safety. Provide adequate ventilation.

6.1.2. For emergency responders

Personal protection equipment:

Use appropriate respiratory protection.

* 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

* 6.3. Methods and material for containment and cleaning up

For containment:

Suitable material for taking up: Sand, Kieselguhr, Universal binder, Chemical binding agents, containing acids

Prevent spread over a wide area (e.g. by containment or oil barriers).

For cleaning up:

Remove from the water surface (e.g. skimming, sucking). Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Other information:

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

6.4. Reference to other sections

Safe handling: see section 7 Disposal: see section 13 Personal protection equipment: see section 8

* 6.5. Additional information

Clear spills immediately. Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

* 7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8).

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Do not put any product-impregnated cleaning rags into your trouser pockets. Clear spills immediately. Use appropriate container to avoid environmental contamination.

Fire prevent measures:

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. **Environmental precautions:**

Environmental precautions:

Shafts and sewers must be protected from entry of the product.

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Advices on general occupational hygiene

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

7.2. Conditions for safe storage, including any incompatibilities Technical measures and storage conditions:

Keep container tightly closed. Keep locked up and out of reach of children. Keep only in original container. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Packaging materials:

Keep/Store only in original container.

Requirements for storage rooms and vessels:

Shafts and sewers must be protected from entry of the product. Floors should be impervious, resistant to liquids and easy to clean.

Keep only in the original container in a cool, well-ventilated place.

Do not store at temperatures above 50°C.

Take precautionary measures against static discharge.

Hints on storage assembly:

TRGS 510

Do not store together with: Oxidising agent, Pyrophoric or self-heating substances, Food and feedingstuffs **Storage class (TRGS 510, Germany):** 3 – Flammable liquids

Further information on storage conditions:

Store in a cool dry place. Keep away from heat.

* 7.3. Specific end use(s)

Recommendation:

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

No data available

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	1 DNEL type
		② Exposure route
Hydrocarbons, C7-C9, n-alkanes, iso- alkanes, cyclics <2% aromatics CAS No.: 68290-06-9 EC No.: 920-750-0	2,035 mg/m ³	 DNEL worker Long-term - inhalation, systemic effects
Hydrocarbons, C7-C9, n-alkanes, iso- alkanes, cyclics <2% aromatics CAS No.: 68290-06-9 EC No.: 920-750-0	608 mg/m³	 DNEL Consumer Long-term - inhalation, systemic effects
Hydrocarbons, C7-C9, n-alkanes, iso- alkanes, cyclics <2% aromatics CAS No.: 68290-06-9 EC No.: 920-750-0	773 mg/kg bw/ day	 DNEL worker Long-term - dermal, systemic effects
Hydrocarbons, C7-C9, n-alkanes, iso- alkanes, cyclics <2% aromatics CAS No.: 68290-06-9 EC No.: 920-750-0	699 mg/kg bw/ day	 DNEL Consumer Long-term - dermal, systemic effects
Hydrocarbons, C7-C9, n-alkanes, iso- alkanes, cyclics <2% aromatics CAS No.: 68290-06-9 EC No.: 920-750-0	699 mg/kg bw/ day	 DNEL Consumer Long-term - oral, systemic effects

* 8.2. Exposure controls

8.2.1. Appropriate engineering controls

See section 7. No additional measures necessary.





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8.2.2. Personal protection equipment



Eye/face protection:

During transfer: Eye glasses with side protection DIN-/EN-Norms EN 166

Skin protection:

Hand protection

Suitable material: NBR (Nitrile rubber)

Thickness of the glove material: \geq 0,4 mm

Breakthrough time: 480 min

Breakthrough times and swelling properties of the material must be taken into consideration.

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.

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.

Tested protective gloves must be worn: EN ISO 374

Suitable protective clothing: Protective clothing

Respiratory protection:

Usually no personal respirative protection necessary.

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

8.2.3. Environmental exposure controls

See section 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

*

Physical state: Liquid **Odour:** characteristic

Colour: colourless

Odour: characteristic Safety relevant basis data

Parameter	Value	at °C	1 Method
			② Remark
рН	not applicable		
Melting point	not determined		
Freezing point	No data available		
Initial boiling point and boiling range	100 - 140 °C		
Decomposition temperature	No data available		
Flash point	-1 °C		
Evaporation rate	No data available		
Auto-ignition temperature	250 °C		
Upper/lower flammability or explosive limits	0.8 - 6.5 Vol-%		
Vapour pressure	45 hPa	20 °C	
Vapour density	No data available		
Density	730 kg/m ³	20 °C	
Relative density	not determined		
Bulk density	not applicable		
Water solubility	Immiscible		
Partition coefficient: n-octanol/water	not applicable		
Dynamic viscosity	not determined		
Kinematic viscosity	not determined		
Lösemittelgehalt	< 100 %	20 °C	2 organic solvents

* 9.2. Other information

Solvent content:



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organic solvents : 100,0 % Water: 0,0 % Solid content 0,0

SECTION 10: Stability and reactivity

* 10.1. Reactivity

No known hazardous reactions. Risk of explosion if heated under confinement.

* 10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

* 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge.

* 10.5. Incompatible materials

Oxidizing agent, Pyrophoric or self-heating substances Strong acid Alkali (Iye), concentrated

* **10.6.** Hazardous decomposition products

Hazardous combustion products: Carbon monoxide, Carbon dioxide (CO2), Nitrogen oxides (NOx) During heating or in case of fire, toxic gases is possible. Do not inhale explosion and combustion gases.

Further information

No information available.

SECTION 11: Toxicological information

* 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cyclics <2% aromatics	CAS No.: 68290-06-9	EC No.: 920-7	750
LD ₅₀ oral: 5,000 mg/kg (Rat)			
LD ₅₀ dermal: 3,000 mg/kg (Rabbit)			
LC ₅₀ Acute inhalation toxicity (vapour): 23 mg/L 4 h			
Acute oral toxicity:			
Based on available data, the classification criteria are not met.			
Acute dermal toxicity:			
Based on available data, the classification criteria are not met.			
Acute inhalation toxicity:			
Based on available data, the classification criteria are not met.			
Skin corrosion/irritation:			
Based on available data, the classification criteria are not met.			
Serious eye damage/irritation:			
Based on available data, the classification criteria are not met.			
Respiratory or skin sensitisation:			
Based on available data, the classification criteria are not met.			
Germ cell mutagenicity: Based on available data, the classification criteria are not met.			
Carcinogenicity:			
Based on available data, the classification criteria are not met.			
Reproductive toxicity:			
Based on available data, the classification criteria are not met.			
STOT-single exposure:			
May cause drowsiness or dizziness.			
STOT-repeated exposure:			
Based on available data, the classification criteria are not met.			
Aspiration hazard:			
May be fatal if swallowed and enters airways.			
Observe risk of aspiration if vomiting occurs.			
a	en / AL / AD / BY / BE / BA / BG		/ eSi.(

-	
	Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) Page 8/12 RAVENOL Bremsenreiniger REVENOL*
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-	For viscosity data, see section 9.
	Additional information: Frequently or prolonged contact with skin may cause dermal irritation.
*	11.2. Information on other hazards
	 Endocrine disrupting properties: This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria. Other information: No data available.
-	SECTION 12: Ecological information
*	12.1. Toxicity
	Aquatic toxicity: Toxic to aquatic life with long lasting effects.
	Additional ecotoxicological information:
	Do not allow uncontrolled discharge of product into the environment.
*	12.2. Persistence and degradability
	Biodegradation: Not readily biodegradable (according to OECD criteria)
*	12.3. Bioaccumulative potential
	Partition coefficient: n-octanol/water: not applicable
	Accumulation / Evaluation: The product has not been tested.
*	12.4. Mobility in soil The product has not been tested.
*	12.5. Results of PBT and vPvB assessment
	Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cyclics <2% aromatics CAS No.: 68290-06-9 EC No.: 920-750-
	Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
	This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
*	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.
	12.7. Other adverse effects No information available.
-	
-	SECTION 13: Disposal considerations
*	13.1. Waste treatment methods Dispose of waste according to applicable legislation.
	13.1.1. Product/Packaging disposal
	Waste codes/waste designations according to EWC/AVV
	Directive 2008/98/EC (Waste Framework Directive)
	HP 3 Flammable
	HP 5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity HP 14 Ecotoxic
	Waste code packaging Remark:
	Dispose of waste according to applicable legislation.
	Waste treatment options
	Appropriate disposal / Product:
	Dispose of waste according to applicable legislation. Appropriate disposal / Package:
	Non-contaminated packages may be recycled.



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Other disposal recommendations:

Consult the appropriate local waste disposal expert about waste disposal.

13.2. Additional information

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or	ID number	•	•
UN 3295	UN 3295	UN 3295	UN 3295
14.2. UN proper ship	pping name	<u>^</u>	
HYDROCARBONS, LIQUID, N.O.S.	HYDROCARBONS, LIQUID, N.O.S.	HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C7- C9, n-alkanes, iso-alkanes, cyclics <2% aromatics)	HYDROCARBONS, LIQUID, N.O.S.
14.3. Transport haza	ard class(es)		
*		*	
3	3	3	3
14.4. Packing group	1		
11	11	11	11
14.5. Environmental	hazards		_
¥2	₹ <u>₹</u>	MARINE POLLUTANT	No
14.6. Special precau	tions for user	·	
Limited quantity (LQ): 1 L	Limited quantity (LQ): 1 L	Limited quantity (LQ):	No data available
Hazard identification number (Kemler No.): 33	Classification code: F1	EmS-No.: F-E, S-D	
Classification code: F1			
Tunnel restriction code: (D/E)			

14.7. Maritime transport in bulk according to IMO instruments No transport as bulk according to IBC Code.

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Restrictions on use:

Use restriction according to REACH annex XVII, no.: 3, 40

Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive], Hazard categories:

- P5a Flammable Liquids, Category 1 or 2
- P5b Flammable liquids
- P5c Flammable liquids of Categories 2 or 3, not covered by P5a and P5b
- E2 Hazardous to the Aquatic Environment in Category Chronic 2



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15.1.2. National regulations

[DE] National regulations Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Störfallverordnung (12. BlmschV)

for substances contained in the product:

Hazard categories:

- P5a Flammable Liquids, Category 1 or 2
- P5b Flammable liquids
- P5c Flammable liquids of Categories 2 or 3, not covered by P5a and P5b
- E2 Hazardous to the Aquatic Environment in Category Chronic 2
- P5c Flammable liquids of Categories 2 or 3, not covered by P5a and P5b
- E2 Hazardous to the Aquatic Environment in Category Chronic 2

Betriebssicherheitsverordnung (BetrSichV)

leichtentzündlich

Technische Anleitung zur Reinhaltung der Luft (TA-Luft)

Klasse 1:

TA-Luft Class NK

Anteil 1:

100 %

Water hazard class

WGK:

1 - slightly hazardous to water

Description:

slightly hazardous to water

Identification number 436

Source:

Self-classification (mixture; calculation rule).

Remark:

Analogous classification:

Technische Regeln für Gefahrstoffe

TRGS 500

TRGS 510

Berufsgenossenschaftliche Vorschriften (DGUV-Vorschriften)

Berufsgenossenschaftliche Informationen (DGUV-Informationen) 868 Berufsgenossenschaftliche Regeln (DGUV-Regeln) 189, 190, 192, 195

* 15.2. Chemical Safety Assessment

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

* **15.3. Additional information** Tactile warning according to EN/ISO 11683. Child-resistant fastenings (EN/862/ISO 8317).

SECTION 16: Other information

* 16.1. Indication of changes

1.1.	Product identifier
1.3.	Details of the supplier of the safety data sheet
1.4.	Emergency telephone number
2.1.	Classification of the substance or mixture
2.2.	Label elements
2.3.	Other hazards
3.1.	Substances
4.1.	Description of first aid measures
4.2.	Most important symptoms and effects, both acute and delayed
4.3.	Indication of any immediate medical attention and special treatment needed
5.1.	Extinguishing media
5.2.	Special hazards arising from the substance or mixture
5.3.	Advice for firefighters
5.4.	Additional information



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6.1.	Personal precautions, protective equipment and emergency procedures
6.2.	Environmental precautions
6.3.	Methods and material for containment and cleaning up
6.5.	Additional information
7.1.	Precautions for safe handling
7.2.	Conditions for safe storage, including any incompatibilities
7.3.	Specific end use(s)
8.2.	Exposure controls
9.1.	Information on basic physical and chemical properties
9.2.	Other information
10.1.	Reactivity
10.2.	Chemical stability
10.4.	Conditions to avoid
10.5.	Incompatible materials
10.6.	Hazardous decomposition products
11.1.	Information on hazard classes as defined in Regulation (EC) No 1272/2008
11.2.	Information on other hazards
12.1.	Toxicity
12.2.	Persistence and degradability
12.3.	Bioaccumulative potential
12.4.	Mobility in soil
	Results of PBT and vPvB assessment
12.6.	Endocrine disrupting properties
13.1.	Waste treatment methods
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
15.2.	Chemical Safety Assessment
15.3.	Additional information
_	Indication of changes
16.4.	Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

16.2. Abbreviations and acronyms

See overview table at www.euphrac.eu

16.3. Key literature references and sources for data

EC 1907/2006 - REACH Regulation

1272/2008 EC - Regulation on classification, labeling and packaging of substances and mixtures, and amending Directives 67/548/EEC and 1999/45/EC and Regulation (EC) No 1907/2006 (REACH), Annex II

European Chemicals Agency (ECHA), C & L classification and labeling inventory

European Chemicals Agency (ECHA), ECHA CHEM Registered substances

OECD The Global Portal to Information on Chemical Substances (ChemPortal)

Institute for Occupational Safety and Health of the German Social Accident Insurance (IFA): GESTIS substance database and International limit values for chemical substances

Federal Environment Agency, Section IV 2.4: Documentation and Information Centre substances hazardous to water Rigoletto (catalog substances hazardous to water)

* 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids (Flam. Liq. 2)	H225: Highly flammable liquid and vapour.	On basis of test data.
Aspiration hazard (Asp. Tox. 1)	H304: May be fatal if swallowed and enters airways.	Calculation method.
STOT-single exposure (STOT SE 3)	H336: May cause drowsiness or dizziness.	Calculation method.
Hazardous to the aquatic environment (<i>Aquatic Chronic 2</i>)	H411: Toxic to aquatic life with long lasting effects.	Calculation method.



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

Hazard statements	
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

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.

* Data changed compared with the previous version.