

marbaclean

Print date 10.02.2025
Revision date 10.02.2025
Version 1.1 (en)
replaces version of 20.03.2024 (1.0)



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

1.1 Product identifier

Trade name/designation marbaclean
Unique Formula Identifier UFI: A6NV-VYNF-CG00-E5UH

Hazard components

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, aromatics (2-25%), propan-2-ol

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

Use of the substance/mixture

Cleaning material/ Detergent

1.3 Details of the supplier of the safety data sheet

Supplier

Karl Marbach GmbH & Co. KG
Karl-Marbach-Straße 1
D-74080 Heilbronn
Telephone +49(0)7131-918-0
Telefax +49(0)7131-918-213
E-mail info@marbach.com
Website <http://www.marbach.com>

E-mail (competent person):
supplies@marbach.com

1.4 Emergency telephone number

Poison Information Center Freiburg +49 (0)761 19240
(Advice in German and English)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Flam. Liq. 3, H226

STOT SE 3, H336

STOT RE 1, H372

Asp. Tox. 1, H304

Aquatic Chronic 2, H411

Hazard statements for physical hazards

H226 Flammable liquid and vapour.

Hazard statements for health hazards

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H372 Causes damage to organs (central nervous system) through prolonged or repeated exposure if inhaled.

Hazard statements for environmental hazards

H411 Toxic to aquatic life with long lasting effects.

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2.2 Label elements

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

Hazard components

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, aromatics (2-25%), propan-2-ol

Hazard pictograms



GHS02



GHS07



GHS08



GHS09

Signal word

Danger

Hazard statements

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H372 Causes damage to organs (central nervous system) through prolonged or repeated exposure if inhaled.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 Do not breathe vapours/spray.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P312 Call a POISON CENTER/doctor/if you feel unwell.
P331 Do NOT induce vomiting.

Supplemental hazard information

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

Adverse human health effects and symptoms

The mixture does not contain substances $\geq 0.1\%$ of substances that have endocrine disrupting properties according to Regulation (EC) No. 1907/2006, Article 59(1) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

Adverse environmental effects

The mixture does not contain substances $\geq 0.1\%$ of substances that have endocrine disrupting properties according to Regulation (EC) No. 1907/2006, Article 59(1) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

Results of PBT and vPvB assessment

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

SECTION 3: Composition / information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

Hazardous ingredients

CAS No	EC No	Index No	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
	927-344-2		Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, aromatics (2-25%)	50 - 95 %	Flam. Liq. 3; H226 STOT SE 3; H336 STOT RE 1; H372 Asp. Tox. 1; H304 Aquatic Chronic 2; H411	

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CAS No	EC No	Index No	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
67-63-0	200-661-7	603-117-00-0	propan-2-ol	5 - 10 %	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	ATE(oral): 4570- 5840 mg/kg ATE(dermal): 13900 mg/kg ATE(Acute inhalation toxicity): 30 mg/L
REACH No.		Substance name				
01-2119463586-28		Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, aromatics (2-25%)				
01-2119457558-25		propan-2-ol				

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

First aider: Pay attention to self-protection!
Never give anything by mouth to an unconscious person.

Following inhalation

Remove affected person from the danger area and lay down.
Take the person to fresh air and consult a doctor according to the symptoms.
If unconscious but breathing normally, place in recovery position and seek medical advice.

Following skin contact

After contact with skin, wash immediately with plenty of water and soap.
Take off immediately all contaminated clothing and wash it before reuse.
In case of irritation consult a doctor.

After eye contact

Remove contact lens.
In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion

Rinse mouth immediately and drink plenty of water.
Do NOT induce vomiting.
Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

Headache
Dizziness
Nausea
Vomiting
Aspiration hazard
Pulmonary oedema
Pneumonia
Symptoms of poisoning may not occur for many hours.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.

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Special treatment

If swallowed, flush stomach.
Subsequent observance for pneumonia and lung oedema.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam
Extinguishing powder
Water spray jet
Carbon dioxide (CO₂)
Adjust fire extinguishing measures to the environment.

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In the event of fire the following can be released:

Carbon monoxide

Vapours can form explosive mixtures with air.

The vapours of the product are heavier than air and can collect in higher concentrations on the ground, in pits, channels and cellars.

Reignition possible over considerable distance.

5.3 Advice for firefighters

Special protective equipment for firefighters

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

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

Wear full-body protective suit.

Additional information

Cool endangered containers with water spray and possibly remove them from fire site.

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

Dispose of contaminated extinguishant water according to official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Keep away from sources of ignition - No smoking.

Do not inhale vapours.

Avoid contact with skin, eyes and clothes.

Use personal protection equipment.

Provide adequate ventilation.

Keep away unprotected persons.

For emergency responders

Ensure adequate ventilation.

Personal protection equipment

Keep away unprotected persons.

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6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).
Stop leak if safe to do so.
Do not allow to enter the soil, aquatic environments or drains.
In case of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

For containment

If there is a risk of entry into the sewerage system, erect barriers and/or cover the sewerage system.

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
After taking up the material dispose according to regulation.

6.4 Reference to other sections

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

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Do not inhale vapours.
Avoid contact with skin, eyes and clothes.
Keep away from sources of ignition - No smoking.
Take measures against electrostatic charging.
Provide good ventilation.
Immediately remove all soiled, soaked clothing.
Handle and open container with care.

Advices on general occupational hygiene

When using do not eat, drink, smoke.
Wash hands before breaks and after work.
Follow the instructions for use on the label.
Please observe work hygiene regulations.

7.2 Conditions for safe storage, including any incompatibilities

Packaging materials:

Suitable material:
Refined steel
Polyethylene (PE)
Polypropylene
Polytetrafluoroethylene (PTFE)
Unsuitable material:
Rubber
Polystyrene
EPDM

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.
Handle and open container with care.

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Materials to avoid

Oxidising agent
Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

Protect against:
Heat
UV-radiation/sunlight
Store locked up.
Use explosion-proof electrical equipment.
Take precautionary measures against static discharges.
Do not store product in passages or on stairs.

7.3 Specific end use(s)

Recommendation

See section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

CAS No	EC No	Substance name	occupational exposure limit value
67-63-0	200-661-7	Propan-2-ol	200 [ml/m3(ppm)] Short-term(ml/m3) 400 (1) (1) 15 minutes reference period (IE)
67-63-0	200-661-7	Propan-2-ol	400 [ml/m3(ppm)] 999 [mg/m3] Short-term(ml/m3) 500 Short-term(mg/m3) 1250 (UK)

DNEL worker

CAS No	Substance name	DNEL value	DNEL type	Remark
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, aromatics (2-25%)	44 mg/kg bw/day	long-term dermal (systemic)	
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, aromatics (2-25%)	330 mg/m ³	long-term inhalative (systemic)	
67-63-0	propan-2-ol	888 mg/kg	long-term dermal (systemic)	
67-63-0	propan-2-ol	500 mg/m ³	long-term dermal (systemic)	

DNEL Consumer

CAS No	Substance name	DNEL value	DNEL type	Remark
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, aromatics (2-25%)	26 mg/kg bw/day	Long-term – oral, systemic effects	
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, aromatics (2-25%)	26 mg/kg bw/day	long-term dermal (systemic)	

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CAS No	Substance name	DNEL value	DNEL type	Remark
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclenes, aromatics (2-25%)	71 mg/m ³	long-term inhalative (systemic)	
67-63-0	propan-2-ol	26 mg/kg	Long-term – oral, systemic effects	
67-63-0	propan-2-ol	319 mg/kg	long-term dermal (systemic)	
67-63-0	propan-2-ol	89 mg/m ³	long-term inhalative (systemic)	

PNEC

CAS No	Substance name	PNEC Value	PNEC type	Remark
67-63-0	propan-2-ol	140.9 mg/L	aquatic, freshwater	
67-63-0	propan-2-ol	140.9 mg/L	aquatic, intermittent release	
67-63-0	propan-2-ol	140.9 mg/L	aquatic, marine water	
67-63-0	propan-2-ol	552 mg/kg	sediment, freshwater	
67-63-0	propan-2-ol	552 mg/kg	sediment, marine water	
67-63-0	propan-2-ol	2251 mg/L	sewage treatment plant (STP)	
67-63-0	propan-2-ol	28 mg/kg	soil	

8.2 Exposure controls

Appropriate engineering controls

Remark

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques. These are specified by e.g. BS EN 14042.

BS EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

Technical measures to prevent exposure

Sufficient ventilation and exhaustion.

Personal protection equipment

Eye/face protection

tight-closing safety goggles (according to EN 166)

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Hand protection

Suitable material:
NBR (Nitrile rubber)
Viton
Fluoroelastomer
Glove thickness: >= 0.5 mm
Penetration time: > 480 min
The selection of a suitable glove depends from manufacturer to manufacturer not only on the material, but also on further quality criteria.
The exact breakthrough time of the glove material is to be inquired from the protection glove manufacturer and must be strictly adhered to.
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 protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374.
Apply protective barrier cream.

Body protection:

Protective clothing
flame-resistant

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.
Recommended filter type: Filter A
Observe the wear time limits as specified by the manufacturer.

Thermal hazards

not applicable

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

liquid

Colour

colourless

Odour

characteristic

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
Melting point/freezing point	< -20 °C		
Boiling point or initial boiling point and boiling range	79- 175 °C		
flammability			flammable liquid
Lower and upper explosion limit	Lower explosion limit 0.6 Vol-%		
Lower and upper explosion limit	Upper explosion limit 7 Vol-%		
Flash point	24 °C	EN ISO 1523	

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	Value	Method	Source, Remark
Auto-ignition temperature	> 200 °C		
Decomposition temperature	not determined		
pH	not determined		
Viscosity	flow time < 10 s (23°C)		
Viscosity	dynamic approx. 0.7 mPa*s (20°C)		
Viscosity	kinematic ≤ 20.5 mm²/s (40°C)		
Solubility(ies)	not determined		
Partition coefficient n-octanol/water (log value)	0.05	OECD 107	CAS No67-63-0 propan-2-ol
Vapour pressure	approx. 6 hPa (20°C)		
Density and/or relative density	0.78 kg/L (20°C)		
Relative vapour density	not determined		
particle characteristics			not applicable

9.2 Other information

Other safety characteristics

	Value	Method	Source, Remark
Surface tension	23.8 mN/m (25°C)		
Explosive properties			The product is not explosive Formation of explosive vapor-/air mixtures possible.
Oxidising properties			The product is not oxidizing

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is non-reactive under the recommended storage, use and temperature conditions.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

Reactions with strong oxidising agents.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
Take precautionary measures against static discharges.

10.5 Incompatible materials

Oxidising agent, strong

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10.6 Hazardous decomposition products

No risk of production of decomposition products when appropriately handled and stored.

SECTION 11: Toxicological information

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

Acute toxicity

Animal data

	Effective dose	Method, Evaluation	Source, Remark
Acute oral toxicity	CAS No67-63-0 propan-2-ol LD50: 4570- 5840 mg/kg Species Rat	OECD 401	
Acute dermal toxicity	CAS No67-63-0 propan-2-ol LD50: 13900 mg/kg Species Rabbit	OECD 402	
Acute inhalation toxicity	CAS No67-63-0 propan-2-ol LC50: 30 mg/L Species Rat Exposure time 4 h		

Assessment/classification

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

Skin corrosion/irritation

Practical experience/human evidence

Repeated exposure may cause skin dryness or cracking.

Animal data

Result / Evaluation	Method	Source, Remark
CAS No67-63-0 propan-2-ol non-irritant Species Rabbit	OECD 404	

Assessment/classification

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

Serious eye damage/irritation

Animal data

Result / Evaluation	Method	Source, Remark
CAS No67-63-0 propan-2-ol Eye Irrit. 2 Species Rabbit	OECD 405	

Assessment/classification

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

Sensitisation to the respiratory tract

Assessment/classification

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



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Skin sensitisation

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

Germ cell mutagenicity

not determined

Carcinogenicity

not determined

Reproductive toxicity

not determined

Overall Assessment on CMR properties

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

STOT-single exposure

STOT SE 1 and 2

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

STOT SE 3

Irritation to respiratory tract

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

Narcotic effects

Assessment/classification
May cause drowsiness or dizziness.

STOT-repeated exposure

Animal data

	Effective dose	Method	Specific effects:	Organs affected:	Source, Remark
Oral specific target organ toxicity (repeated exposure)	CAS No67-63-0 propan-2-ol NOAEL(C): 900 mg/kg Species Rat Exposure duration 90 d	OECD 408			

Assessment/classification
Causes damage to organs (central nervous system) through prolonged or repeated exposure if inhaled.

Aspiration hazard

Remark
May be fatal if swallowed and enters airways.

11.2 Information on other hazards

Information on other hazards

	Effective dose	Method,Evaluation	Source, Remark
Endocrine disrupting properties			No data available

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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

	Effective dose	Method,Evaluation	Source, Remark
Acute (short-term) fish toxicity	CAS No67-63-0 propan-2-ol LC50: > 100 mg/L Species Leuciscus idus (golden orfe) Test duration 96 h		
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	CAS No67-63-0 propan-2-ol EC50 2285 mg/L Species Daphnia magna (Big water flea) Test duration 48 h		
Chronic (long-term) toxicity to aquatic invertebrate	not determined		
Acute (short-term) toxicity to algae and cyanobacteria	CAS No67-63-0 propan-2-ol EC50 > 100 mg/L Species Desmodesmus subspicatus Test duration 72 h		
Chronic (long-term) toxicity to aquatic algae and cyanobacteria	not determined		
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	CAS No67-63-0 propan-2-ol EC50 > 1000 mg/L Species sludge		

Assessment/classification

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

	Value	Method	Source, Remark
Biodegradation	Degradation rate 95 % Test duration 21 d	OECD 301E/ EEC 92/69/V, C.4-B	CAS No67-63-0 propan-2-ol
Biodegradation	Degradation rate 99.9 %	OECD 303/ EEC 92/69/V, C10	CAS No67-63-0 propan-2-ol

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

Assessment/classification

Koc = 1,1 (propan-2-ol)

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12.5 Results of PBT and vPvB assessment

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

12.6 Endocrine disrupting properties

	Effective dose	Method,Evaluation	Source, Remark
Endocrine disrupting properties			No data available

12.7 Other adverse effects

Additional ecotoxicological information

	Value	Method	Source, Remark
Theoretical oxygen demand (ThOD):	2.4 g/g		
Chemical oxygen demand (COD)	96 %		bibliography
Biochemical oxygen demand	1171 mg/g		
BOD5/COD ratio:	53		

Additional information

Avoid release into the environment.
Inform competent authorities in case of leakage to sewage system/surface water/ground water.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste codes/waste designations according to EWC/AVV

Waste code product	Waste name
140603 *	other solvents and solvent mixtures
200113 *	Solvents
200129 *	detergents containing hazardous substances

Appropriate disposal / Product

Dispose of waste according to applicable legislation.

Appropriate disposal / Package

Dispose of waste according to applicable legislation.
Contaminated packages must be completely emptied and can be re-used following proper cleaning.

Remark

The waste code must be allocated in compliance with the EAK-regulation referring to the specific process and the sector.

SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN number or ID number	UN 3295	UN 3295	UN 3295
14.2 UN proper shipping name	HYDROCARBONS, LIQUID, N.O.S.	HYDROCARBONS, LIQUID, N.O.S.	Hydrocarbons, liquid, n.o.s.
14.3 Transport hazard class(es)	3	3	3

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	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.4 Packing group	III	III	III
14.5 Environmental hazards	ENVIRONMENTALLY HAZARDOUS	ENVIRONMENTALLY HAZARDOUS Marine pollutant	No

14.6 Special precautions for user

No data available

14.7 Maritime transport in bulk according to IMO instruments

The product is not intended for carriage in bulk.

Land transport (ADR/RID)

UN number or ID number UN 3295
UN proper shipping name HYDROCARBONS, LIQUID, N.O.S.
Transport hazard class(es) 3
Hazard label(s) 3
Classification code F1
Packing group III
Environmental hazards ENVIRONMENTALLY HAZARDOUS
Limited quantity (LQ) 5 L
Special provisions -
Tunnel restriction code D/E

Sea transport (IMDG)

UN number or ID number UN 3295
UN proper shipping name HYDROCARBONS, LIQUID, N.O.S.
Transport hazard class(es) 3
Packing group III
Environmental hazards ENVIRONMENTALLY HAZARDOUS
Limited quantity (LQ) 5 L
Marine pollutant Yes.
EmS F-E, S-D

Air transport (ICAO-TI / IATA-DGR)

UN number or ID number UN 3295
UN proper shipping name Hydrocarbons, liquid, n.o.s.
Transport hazard class(es) 3
Packing group III
Environmental hazards No

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SECTION 15: Regulatory information

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

Other regulations (EU)

Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive] VOC
VOC-value 100 %

15.2 Chemical Safety Assessment

National regulations

A material safety assessment was not conducted.

SECTION 16: Other information

Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Flam. Liq. 2: Flammable Liquids, Category 2

Flam. Liq. 3: Flammable Liquids, Category 3

Eye Irrit. 2: Eye irritation, Category 2

STOT SE 3, H336: Specific target organ toxicity (single exposure), Category 3 (narcotic effects)

STOT RE 1: Specific target organ toxicity (repeated exposure), Category 1

Asp. Tox. 1: Aspiration toxicity, Category 1

Aquatic Chronic 2: Long-term (chronic) aquatic hazard, Category 2

Key literature references and sources for data

Data sheets of the sub-supplier.

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

The product is to be produced on the basis of the available hazard data of the ingredients, as defined in the classification criteria for mixtures for each hazard class in Annex I to Regulation (EC) No 1272/2008, classified.

Classification procedure:

Calculation

Test data

Training advice

The product is to be handled with the caution usual with chemicals.

Additional information

National and local regulations concerning chemicals shall be observed.

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.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Each user is responsible for the implementation of the national special regulations.

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

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

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| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H411 | Toxic to aquatic life with long lasting effects. |