



Safety Data Sheet

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

PATIKA SHOE-EZE

Version number: GHS 7.0

Revision: 2021-11-26

Replaces version of: 2021-11-26 (GHS 6)

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

1.1 Product identifier

Trade name

PATIKA SHOE-EZE

Registration number (REACH)

not relevant (mixture)

Unique formula identifier (UFI)

CAPK-V7NQ-Y00X-4QFU

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

Relevant identified uses

Shoe stretching agents for leather shoes
Leather tanning agents, dyes, finishing agents,
impregnating agents and care products

1.3 Details of the supplier of the safety data sheet

Abacus Chemiegesellschaft mbH
Ernst-Reuter-Str. 24
51427 Bergisch Gladbach
Germany

Telephone: +49 (0) 22 04 / 20 16-0
Telefax: +49 (0) 22 04 / 20 16-16
e-mail: info@abacus-chemie.de
Website: <https://www.abacus-shop.de>

e-mail (competent person)

s.ising@abacus-chemie.de / a.guer@abacus-chemie.de (Simon Ising / Abdullah Gür)

1.4 Emergency telephone number

Emergency information service

+49 (0)551 / 19 240 - Giftinformationszentrum Nord

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

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Section	Hazard class	Category	Hazard class and category	Hazard statement
2.6	flammable liquid	3	Flam. Liq. 3	H226
3.3	serious eye damage/eye irritation	2	Eye Irrit. 2	H319
3.4S	skin sensitisation	1	Skin Sens. 1	H317
3.8D	specific target organ toxicity - single exposure (narcotic effects, drowsiness)	3	STOT SE 3	H336

For full text of abbreviations: see SECTION 16

The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources.

2.2 Label elements

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

Signal word warning

Pictograms

GHS02, GHS07



Hazard statements

H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/eye protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Behälter nur restentleert der Wertstoffsammlung zuführen.

Hazardous ingredients for labelling

2-methyl-2H-isothiazol-3-one, 2-Propanol, Triisobutyl phosphate

2.3 Other hazards

of no significance

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SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
2-Propanol	CAS No 67-63-0 EC No 200-661-7 REACH Reg. No 01-2119457558-25-xxxx	10 – < 25	Flam. Liq. 2 / H225 Eye Irrit. 2 / H319 STOT SE 3 / H336	 
Triisobutyl phosphate	CAS No 126-71-6 EC No 204-798-3 REACH Reg. No 01-2119957118-32-xxxx	< 1	Skin Sens. 1B / H317	
2-methyl-2H-iso-thiazol-3-one	CAS No 2682-20-4 EC No 220-239-6 REACH Reg. No 01-2120764690-50-xxxx	< 1	Acute Tox. 3 / H301 Acute Tox. 3 / H311 Acute Tox. 2 / H330 Skin Corr. 1B / H314 Eye Dam. 1 / H318 Skin Sens. 1A / H317 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410	  
1,2-benzisothiazol-3(2H)-one	CAS No 2634-33-5 EC No 220-120-9 REACH Reg. No 01-2120761540-60-xxxx	< 1	Acute Tox. 4 / H302 Eye Irrit. 2 / H319 Aquatic Acute 1 / H400 Aquatic Chronic 2 / H411	 

3.3 Regulation 648/2004/EC on detergents

3.3.1 Enthält: < 5 % phosphates < 5 % non-ionic surfactants
perfumes preservation agents (METHYLISO-THIAZOLINONE, BENZISOTHIAZOLINONE)

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Only remove the person concerned from the danger area if your own Security is guaranteed. Immediately take off all contaminated clothing and shoes, unless they are stuck to the skin. Do not leave affected person unattended. In case of unconsciousness place person in the recovery position. Never give anything by mouth. In all cases of doubt, or when symptoms persist, seek medical advice.

Following inhalation

Provide fresh air. If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. If the person affected by the accident is gasping for breath, sit upright and administer oxygen, if available. .

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Following skin contact

Wash with plenty of soap and water. Arzt konsultieren wenn Reizung anhält.

Following eye contact

Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. If unconscious, check breathing and, if necessary, initiate artificial respiration. Let water be drunken in little sips (dilution effect).

4.2 Most important symptoms and effects, both acute and delayed

Mögliche Reizung und Rötung im Kontaktbereich. Skin may turn red or pale in the exposure area

. May cause rash and itchy contact area. Sensitization possible through skin contact. Allergic manifestations. Possible soreness and redness of the mouth and throat. Difficulty swallowing may occur. May cause headache or nausea. Nausea and stomach pain may occur. May cause headache or nausea. May cause excessive lacrimation

. Eyesight can be clouded. Possible cough irritation with oppression in the chest. Delayed effects can be expected after short or long-term exposure. Narcotic effects.

4.3 Indication of any immediate medical attention and special treatment needed

Show this safety data sheet to the doctor in attendance. Treat symptomatically.

Specific and immediate treatment that shall be available at the workplace

An eye-bathing facility should be available on site

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture. Solvent vapours are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Releases toxic gases / fumes when burned.

Hazardous combustion products

Nitrogen oxides (NO_x), Carbon monoxide (CO), Carbon dioxide (CO₂)

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5.3 Advice for firefighters

Keep containers cool with water spray. In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings.

Special protective equipment for firefighters

Wear protective clothing to prevent eye or skin contact. Use self-contained breathing apparatus

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Take measures only with suitable protective clothing - see section 8 of the safety data sheet

. Only remove the person concerned from the danger area if your own Security is guaranteed. When outdoors, keep people with their backs against the wind and away from the danger zone. Mark off the contaminated area with signs and prevent unauthorized access

. To prevent leakage, place leaking containers so that the leak is on top. Remove all incompatible materials (see Section 10)

.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Prevent penetration into surface water or groundwater.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder, trockener Erde

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Reload into a lockable and properly labeled recovery container for professional disposal

. Ventilate affected area.

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6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

Measures to prevent fire as well as aerosol and dust generation

Use only in well-ventilated areas. Avoid the formation and spread of mist in the air

. Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapours are heavier than air, spread along floors and form explosive mixtures with air. Vapours may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

Flammability hazards

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

Control of effects

Protect against external exposure, such as

frost

Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

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Packaging compatibilities

Keep only in original container. Only packagings which are approved (e.g. acc. to ADR) may be used.

- Storage

Store in a cool, well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)									
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Notation	Source
GB	propan-2-ol	67-63-0	WEL	400	999	500	1,250		EH40/2005

Notation

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

8.2 Exposure controls

Appropriate engineering controls

Ensure all procedural measures according to Section 7 of the safety data sheet. Provide adequate ventilation

Individual protection measures (personal protective equipment)

Eye/face protection

Tightly fitting protective goggles. Provide eye wash.

Skin protection

Hand protection

Suitable chemical-resistant protective gloves (EN374) also for prolonged, direct contact (recommended Protection index 2, corresponding to 30 - 60 minutes permeation time according to EN 374) e.g. made of nitrile (NBR) (0.33-0.5 mm) or Polyvinyl chloride (0.33-0.5 mm).

Other protection measures

Wash hands thoroughly after handling. Preventive skin protection (barrier creams/ointments) is recommended.

Respiratory protection

Respiratory protection not required. .

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Regarding the requirements of EC environmental legislation, reference is made to the legislation of the respective member states.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless
Odour	characteristic
Odour threshold	not determined
Melting point/freezing point	-89 °C
Boiling point or initial boiling point and boiling range	>35 °C
Flammability	flammable liquid in accordance with GHS criteria
Lower and upper explosion limit	not determined
Flash point	26 °C
Auto-ignition temperature	not determined
Decomposition temperature	not relevant
pH (value)	not determined
Kinematic viscosity	not determined

Water solubility

Partition coefficient n-octanol/water (log value)	this information is not available
Vapour pressure	not determined
Density	0.96 g/ml at 23 °C
Relative vapour density	information on this property is not available

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9.2 Other information

Information with regard to physical hazard classes	there is no additional information
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SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended transport and storage conditions.

If heated

Risk of ignition

10.2 Chemical stability

See below "Conditions to avoid". Stabil unter Normalbedingungen.

10.3 Possibility of hazardous reactions

No dangerous reactions occur under normal transport or storage conditions. Decomposition may occur upon exposure to the conditions or materials listed below.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Vor Frost schützen.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

10.5 Incompatible materials

Oxidisers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

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

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification according to GHS (1272/2008/EC, CLP)

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Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

The classification criteria for this hazard class are not met.

Carcinogenicity

The classification criteria for this hazard class are not met.

Reproductive toxicity

The classification criteria for this hazard class are not met.

Specific target organ toxicity - single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

Symptoms related to the physical, chemical and toxicological characteristics

If swallowed

Possible soreness and redness of the mouth and throat., May cause headache or nausea, Nausea and stomach pain may occur, May cause vomiting, The injured person may show signs of intoxication

If in eyes

Reizung und Rötung können auftreten, May cause excessive lacrimation

, Eyesight can be clouded, Can cause permanent damage

If inhaled

Possible cough irritation with oppression in the chest., Exposure can cause coughing or wheezing

, May cause drowsiness or dizziness

If on skin

Mögliche Reizung und Rötung im Kontaktbereich, Skin may turn red or pale in the exposure area

, May cause rash and itchy contact area, Sensitization possible through skin contact. Allergic manifestations.

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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Delayed or immediate effects can be expected after short or long-term exposure.

11.2 Information on other hazards

There is no additional information.

SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

12.2 Persistence and degradability

Biologisch abbaubar.

12.3 Bioaccumulative potential

Not determined.

12.4 Mobility in soil

Easily absorbed into the ground.

12.5 Results of PBT and vPvB assessment

This substance is not identified as a PBT / vPvB substance

.

12.6 Endocrine disrupting properties

None of the ingredients are listed.

12.7 Other adverse effects

Low ecotoxicity.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Small quantities (<3 L) can be disposed of via the sewage system. Larger quantities (> 3 L) in a suitable container. Transfer the container and have it collected by a specialized disposal company for disposal. The re-However, regional / national official regulations must always be observed.

Waste treatment-relevant information

Solvent reclamation/regeneration.

Sewage disposal-relevant information

Avoid release to the environment. Refer to special instructions/safety data sheets.

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Waste treatment of containers/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number or ID number

ADR/RID/ADN	UN 1987
IMDG-Code	UN 1987
ICAO-TI	UN 1987

14.2 UN proper shipping name

ADR/RID/ADN	ALCOHOLS, N.O.S.
IMDG-Code	ALCOHOLS, N.O.S.
ICAO-TI	Alcohols, n.o.s.
Technical name (hazardous ingredients)	2-Propanol, 2-methyl-2H-isothiazol-3-one

14.3 Transport hazard class(es)

ADR/RID/ADN	3
IMDG-Code	3
ICAO-TI	3

14.4 Packing group

ADR/RID/ADN	III
IMDG-Code	III
ICAO-TI	III

14.5 Environmental hazards

non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user

Provisions for dangerous goods (ADR) should be complied within the premises.

14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

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Information for each of the UN Model Regulations

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) Additional information

Particulars in the transport document	UN1987, ALCOHOLS, N.O.S., (contains: 2-Propanol, 2-methyl-2H-isothiazol-3-one), 3, III, (D/E)
Classification code	F1
Danger label(s)	3
	
Special provisions (SP)	274, 601
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
Transport category (TC)	3
Tunnel restriction code (TRC)	D/E
Hazard identification No	30
Emergency Action Code	3Y

International Maritime Dangerous Goods Code (IMDG) Additional information

Marine pollutant	-
Danger label(s)	3



Special provisions (SP)	223, 274
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
EmS	F-E, S-D
Stowage category	A

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International Civil Aviation Organization (ICAO-IATA/DGR) Additional information

Danger label(s) 3



Special provisions (SP) A3, A180

Excepted quantities (EQ) E1

Limited quantities (LQ) 10 L

SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list

none of the ingredients are listed

Industrial Emissions Directive (IED)

VOC content	24.06 %
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Water Framework Directive (WFD)

List of pollutants (WFD)	
Name of substance	Listed in
Triisobutyl phosphate	A)

Legend

A) Indicative list of the main pollutants

Regulation on persistent organic pollutants (POP)

None of the ingredients are listed.

National inventories

Country	Inventory	Status
EU	REACH Reg.	not all ingredients are listed

Legend

REACH Reg. REACH registered substances

15.3 Chemical Safety Assessment

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

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SECTION 16: Other information

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
Acute Tox.	Acute toxicity
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
ADR/RID/ADN	Agreements concerning the International Carriage of Dangerous Goods by Road/Rail/Inland Waterways (ADR/RID/ADN)
Aquatic Acute	Hazardous to the aquatic environment - acute hazard
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DGR	Dangerous Goods Regulations (see IATA/DGR)
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
EH40/2005	EH40/2005 Workplace exposure limits (http://www.nationalarchives.gov.uk/doc/open-government-licence/)
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
ICAO-TI	Technical instructions for the safe transport of dangerous goods by air
IMDG	International Maritime Dangerous Goods Code
IMDG-Code	International Maritime Dangerous Goods Code
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitisation
STEL	Short-term exposure limit

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Abbr.	Descriptions of used abbreviations
STOT SE	Specific target organ toxicity - single exposure
SVHC	Substance of Very High Concern
TWA	Time-weighted average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and very Bioaccumulative
WEL	Workplace exposure limit

Key literature references and sources for data

Regulation (EC) No. 1272/2008 (CLP, EU GHS). Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H225	highly flammable liquid and vapour
H226	flammable liquid and vapour
H301	toxic if swallowed
H302	harmful if swallowed
H311	toxic in contact with skin
H314	causes severe skin burns and eye damage
H317	may cause an allergic skin reaction
H318	causes serious eye damage
H319	causes serious eye irritation
H330	fatal if inhaled
H336	may cause drowsiness or dizziness
H400	very toxic to aquatic life
H410	very toxic to aquatic life with long lasting effects
H411	toxic to aquatic life with long lasting effects

Disclaimer

This information is based upon the present state of our knowledge. However, it is not claimed to be exhaustive and should therefore only be regarded as a guide

. The information does not represent an assurance of properties of the product described. The company cannot be held responsible for any damage caused by handling or contact with the above product. This SDS has been compiled and is solely intended for this product. If the product is mixed with other materials, the information may no longer apply.