

## **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

# Aceton/Eisessig-Gemisch zur Analyse volumetrisch 85 : 15 gemischt mit Zusatz von 10 ml HCI.....

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

### 1.1. Product identifier

Aceton/Eisessig-Gemisch zur Analyse volumetrisch 85 : 15 gemischt mit Zusatz von 10 ml HCI.....

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

#### Use of the substance/mixture

Laboratory chemical

Industrial uses: Uses of substances as such or in preparations at industrial sites

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

## Uses advised against

Do not use for private purposes (household).

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

Company name: AnalytiChem GmbH

ACD

Street: Stempelstraße 6
Place: D-47167 Duisburg

Telephone: 0203/5194-0 Telefax: 0203/5194-290

E-mail: info@analytichem.de

Contact person: Abteilung Produktsicherheit Telephone: 0203/5194-107/117

E-mail: produktsicherheit@analytichem.de

Internet: www.analytichem.de

Responsible Department: Abteilung Produktsicherheit

1.4. Emergency telephone For Hazardous Materials [or Dangerous Goods] Incidents Spill, Leak, Fire,

<u>number:</u> Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada:

1-800-424-9300 Outside USA and Canada: +1 703-741-5970 (collect calls

accepted)

## **Further Information**

This product is a mixture. REACH Registration Number see section 3.

## **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

## Regulation (EC) No 1272/2008

Flam. Liq. 2; H225 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3: H336

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

## Regulation (EC) No 1272/2008

#### Hazard components for labelling

acetone

Signal word: Danger

Pictograms:







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#### **Hazard statements**

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness.

## **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P233 Keep container tightly closed.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing

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.

P337+P313 If eye irritation persists: Get medical advice/attention.

P403+P235 Store in a well-ventilated place. Keep cool.

### 2.3. Other hazards

No information available.

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

### 3.2. Mixtures

## Relevant ingredients

CAS No	Chemical name	Chemical name				
	EC No Index No REACH No					
	Classification (Regulation	(EC) No 1272/2008)	·			
67-64-1	acetone			80 - < 85 %		
	200-662-2	606-001-00-8	01-2119471330-49			
	Flam. Liq. 2, Eye Irrit. 2, S	STOT SE 3; H225 H319 H336 EUH	066			
64-19-7	acetic acid			15 - < 20 %		
	200-580-7	607-002-00-6	01-2119475328-30			
	Flam. Liq. 3, Skin Corr. 1A; H226 H314					

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

## Specific Conc. Limits, M-factors and ATE

	, , , , , , , , , , , , , , , , , , ,				
CAS No	EC No	EC No Chemical name			
	Specific Conc	Limits, M-factors and ATE			
67-64-1	200-662-2	acetone	80 - < 85 %		
	dermal: LD50	) = > 7426 mg/kg; oral: LD50 = 5800 mg/kg			
64-19-7	200-580-7	acetic acid	15 - < 20 %		
		C50 = 11,4 mg/l (vapours); oral: LD50 = 3310 mg/kg			

#### **Further Information**

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of = 0.1 % (w/w).

## **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures



according to Regulation (EC) No 1907/2006

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#### General information

No data available

#### After inhalation

Provide fresh air.

Call a physician immediately.

### After contact with skin

Wash immediately with: Water

Take off immediately all contaminated clothing and wash it before reuse.

Call a physician immediately.

#### After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Remove contact lenses, if present and easy to do. Continue rinsing.

### After ingestion

Observe risk of aspiration if vomiting occurs.

Call a physician immediately.

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

Irritant, Dizziness, Anaesthetic state

Vomiting, Headache, Dizziness

Gastrointestinal complaints, Corneal opacity.

Has degreasing effect on the skin.

Repeated exposure may cause skin dryness or cracking.

May cause drowsiness or dizziness.

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

No data available

## **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

## Suitable extinguishing media

Carbon dioxide (CO2).

Foam.

Extinguishing powder

## Unsuitable extinguishing media

no restriction

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

Combustible liquid.

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Hazardous combustion products

In case of fire may be liberated: Carbon dioxide (CO2), Carbon monoxide

Beware of reignition.

## 5.3. Advice for firefighters

Remove persons to safety. Do not inhale explosion and combustion gases.

Avoid contact with skin, eyes and clothes.

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

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

#### Additional information

Danger of bursting container.

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

Suppress gases/vapours/mists with water spray jet.

Move undamaged containers from immediate hazard area if it can be done safely.



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

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

#### General advice

Keep away from sources of ignition - No smoking.

This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been certified as intrinsically safe).

Take action to prevent static discharges.

### For non-emergency personnel

Provide adequate ventilation.

Use personal protection equipment.

Avoid contact with skin, eyes and clothes.

Remove persons to safety.

**Emergency procedures** 

Consult an expert

Do not breathe dust/fume/gas/mist/vapours/spray.

#### For emergency responders

Precautionary statements For emergency responders: Personal protection equipment: see section 8

## 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

The vapour of the product is heavier than air and may accumulate below ground level, in pits, channels and basements in higher concentration.

Danger of explosion

#### 6.3. Methods and material for containment and cleaning up

#### For containment

Cover drains.

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

Collect in closed and suitable containers for disposal.

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

### For cleaning up

Clean contaminated articles and floor according to the environmental legislation.

#### Other information

Provide adequate ventilation.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

### 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

## Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used.

Read label before use. Handle and open container with care.

When using do not eat, drink, smoke, sniff. Keep container tightly closed.

Use personal protection equipment. Use extractor hood (laboratory).

Do not breathe vapour/aerosol. Provide adequate ventilation.



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## Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Take precautionary measures against static discharges.

Vapours can form explosive mixtures with air.

#### Advice on general occupational hygiene

Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

Keep away from food, drink and animal feedingstuffs.

Take off immediately all contaminated clothing.

Wash hands before breaks and after work.

The choice of body protection depends on the concentration and quantity of hazardous substances. The chemical resistance of protective agents must be clarified with their suppliers.

#### Further information on handling

Take off immediately all contaminated clothing and wash it before reuse.

Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary.

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

## Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### Further information on storage conditions

Keep cool. Protect from sunlight.

## 7.3. Specific end use(s)

Laboratory chemicals

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

# 8.1. Control parameters

#### Occupational exposure limits

CAS No	Substance	ppm	mg/m³	fib/cm³	Category	Origin
64-19-7	Acetic acid	10	25		TWA (8 h)	
		20	50		STEL (15 min)	
67-64-1	Acetone	500	1210		TWA (8 h)	

## **Biological limit values**

CAS No	Substance	Parameter	Value	Test material	Sampling time
67-64-1	Acetone	Acetone	50 mg/L	Urine	End of shift



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## **DNEL/DMEL values**

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
67-64-1	acetone			
Worker DNEL	long-term	inhalation	systemic	1210 mg/m³
Worker DNEL	, acute	inhalation	local	2420 mg/m³
Worker DNEL	, long-term	dermal	systemic	186 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	200 mg/m³
Consumer DN	EL, long-term	dermal	systemic	62 mg/kg bw/day
Consumer DN	EL, long-term	oral	systemic	62 mg/kg bw/day
64-19-7	acetic acid			
Worker DNEL, long-term		inhalation	local	25 mg/m³
Worker DNEL, acute		inhalation	local	25 mg/m³
Consumer DNEL, long-term		inhalation	local	25 mg/m³
Consumer DN	EL, acute	inhalation	local	25 mg/m³

#### **PNEC values**

CAS No	Substance	
Environmental	compartment	Value
67-64-1	acetone	
Freshwater	Freshwater	
Freshwater (in	ermittent releases)	21 mg/l
Marine water		1,06 mg/l
Freshwater sed	liment	30,4 mg/kg
Marine sedime	nt	3,04 mg/kg
Micro-organisn	s in sewage treatment plants (STP)	100 mg/l
Soil		29,5 mg/kg
64-19-7	acetic acid	
Freshwater		3,058 mg/l
Freshwater (in	ermittent releases)	30,58 mg/l
Marine water	Marine water	
Freshwater sediment		11,36 mg/kg
Marine sediment		1,136 mg/kg
Micro-organisms in sewage treatment plants (STP)		85 mg/l
Soil		0,47 mg/kg

## 8.2. Exposure controls

## Appropriate engineering controls

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

If handled uncovered, arrangements with local exhaust ventilation have to be used.

Do not breathe vapour/aerosol.

## Individual protection measures, such as personal protective equipment

## Eye/face protection

Suitable eye protection: goggles.



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Face protection umbrella

## Hand protection

Protective gloves are recommended Company KCL GmbH, D-36124 Eichenzell, email: vertrieb@kcl.de With specification (test according to EN374):

By long-term hand contact

Trade name/designation: KCL 897 Butoject®

Suitable material: Butyl caoutchouc (butyl rubber) 0,3 mm

Wearing time with permanent contact: > 480 min

By short-term hand contact

Trade name/designation: KCL 897 Butoject®

Suitable material: Butyl caoutchouc (butyl rubber) 0,3 mm Wearing time with occasional contact (splashes): > 480 min

The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types. This recommendation applies only to the product stated in the safety data sheet<(>,<)> supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

#### Skin protection

Flame-retardant protective clothing. Wear anti-static footwear and clothing

Take off immediately all contaminated clothing.

Wash hands before breaks and after work.

Draw up and observe skin protection programme.

#### Respiratory protection

Respiratory protection necessary at: aerosol or mist formation

The entrepeneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

### **Environmental exposure controls**

Do not allow to enter into surface water or drains.

Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches.

Danger of explosion

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

# 9.1. Information on basic physical and chemical properties

Physical state: Liquid
Colour: colourless
Odour: characteristic
Odour threshold: No data available

Melting point/freezing point:

Boiling point or initial boiling point and

No data available

No data available

boiling range:

Flammability: not applicable
Lower explosion limits: No data available
Upper explosion limits: No data available
Flash point: <-20 °C
Auto-ignition temperature: No data available
Decomposition temperature: No data available



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pH-Value: No data available Viscosity / kinematic: No data available Water solubility: No data available

Solubility in other solvents

No data available

Partition coefficient n-octanol/water: No data available Vapour pressure: No data available Vapour pressure: No data available No data available Density: Bulk density: No data available Relative vapour density: No data available

## 9.2. Other information

## Information with regard to physical hazard classes

Explosive properties

Vapours can form explosive mixtures with air.

Sustaining combustion: Sustaining combustion

Self-ignition temperature

Solid: not applicable Gas: not applicable

Oxidizing properties No data available

## Other safety characteristics

No data available Evaporation rate: Solvent separation test: No data available No data available Solvent content: No data available Solid content: Sublimation point: No data available Softening point: No data available Pour point: No data available

No data available:

Viscosity / dynamic: No data available No data available Flow time:

**Further Information** No data available

## **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

Highly flammable.

Vapours can form explosive mixtures with air.

## 10.2. Chemical stability

No data available

## 10.3. Possibility of hazardous reactions

Ignition hazard:

Fluorine, Oxidising agent, strong; Reducing agent, strong; Nitric acid

Danger of explosion:

Chloroform, peroxides, for example hydrogen peroxide

Exothermic reaction with: Bromine, Alkali metals

Hydrogen halide, Sulphur dichloride



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### 10.4. Conditions to avoid

Heat

### 10.5. Incompatible materials

Rubber articles
Plastic articles

## 10.6. Hazardous decomposition products

**SECTION 5: Firefighting measures** 

#### **Further information**

No data available

# **SECTION 11: Toxicological information**

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

#### Toxicocinetics, metabolism and distribution

No data available

#### **Acute toxicity**

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

#### **ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name	Chemical name							
	Exposure route	Dose		Species	Source	Method			
67-64-1	acetone								
	oral	LD50 mg/kg	5800	Rat	J Toxicol Environ Health 15: 609-621 (19	Undiluted acetone applied to female rats			
	dermal	LD50 mg/kg	> 7426	Rabbit	Toxicol Appl Pharmacol 7: 559-565. (1965	other: Code of federal regulations: 21 C			
64-19-7	acetic acid								
	oral	LD50 mg/kg	3310	Rat	J Ind Hyg Toxicol, Vol 23, PP 78-82 (194	The sodium salt of acetic acid was admin			
	inhalation (4 h) vapour	LC50	11,4 mg/l	Rat	Study report (1980)	OECD Guideline 403			

## Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye irritation.

Has degreasing effect on the skin.

Repeated exposure may cause skin dryness or cracking.

## Sensitising effects

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

## Carcinogenic/mutagenic/toxic effects for reproduction

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. (acetone)

## STOT-repeated exposure

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



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## **Aspiration hazard**

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

# Specific effects in experiment on an animal

No data available

### Additional information on tests

No data available

### Practical experience

No data available

## 11.2. Information on other hazards

## Other information

No data available

#### **Further information**

Irritant, Dizziness, Anaesthetic state

Vomiting, Headache, Dizziness

Gastrointestinal complaints, Corneal opacity.

Has degreasing effect on the skin.

Repeated exposure may cause skin dryness or cracking.

May cause drowsiness or dizziness.

# **SECTION 12: Ecological information**

#### 12.1. Toxicity

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

CAS No	Chemical name							
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method	
67-64-1	acetone							
	Acute fish toxicity	LC50 mg/l	8120	96 h	Pimephales promelas	Publication (1984)	OECD Guideline 203	
	Acute crustacea toxicity	EC50 mg/l	8800	48 h	Daphnia pulex	Publication (1978)	The toxicity of acetone towards daphnids	
	Crustacea toxicity	NOEC mg/l	2212	28 d	Daphnia magna	Arch Environm Contam Toxicol 12: 305-310	Study conducted comparable to OECD 211 w	
	Acute bacteria toxicity	EC50 mg/l ( )	61150	1 '	activated sludge of a predominantly domestic sewag	Water Res 26: 887-892 (1992)	ISO 8192	
64-19-7	acetic acid							
	Acute fish toxicity	LC50 mg/l	> 1000	96 h	Oncorhynchus mykiss	Study report (2005)	other: SOP E257	
	Acute algae toxicity	ErC50 mg/l	> 1000	72 h	Skeletonema costatum	Study report (2005)	ISO 10253	
	Acute crustacea toxicity	EC50 mg/l	> 1000	48 h	Daphnia magna	Study report (1990)	OECD Guideline 202	

## 12.2. Persistence and degradability

There are no data available on the mixture itself.

## 12.3. Bioaccumulative potential

There are no data available on the mixture itself.



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#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
67-64-1	acetone	-0,23
64-19-7	acetic acid	-0,17

#### **BCF**

CAS No	Chemical name	BCF	Species	Source
67-64-1	acetone	3		Unpublished calculat
64-19-7	acetic acid	3,16	fish	Environ. Toxicol. Ch

### 12.4. Mobility in soil

There are no data available on the mixture itself.

#### 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

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

Avoid release to the environment.

#### **Further information**

Do not allow to enter into surface water or drains.

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

### **Disposal recommendations**

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Send to a physico-chemical treatment facility under observation of official regulations.

Do not empty into drains.

## Contaminated packaging

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

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)

14.1. UN number or ID number: UN 2924

14.2. UN proper shipping name: FLAMMABLE LIQUID, CORROSIVE, N.O.S. (acetone, acetic acid)

14.3. Transport hazard class(es): 3 Ш 14.4. Packing group: Hazard label: 3+8Classification code: FC **Special Provisions:** 274 Limited quantity: 1 L Excepted quantity: E2 Transport category: Hazard No: 338 Tunnel restriction code: D/E

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 2924

14.2. UN proper shipping name: FLAMMABLE LIQUID, CORROSIVE, N.O.S. (acetone, acetic acid)



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14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3+8Classification code:FCSpecial Provisions:274Limited quantity:1 LExcepted quantity:E2

Marine transport (IMDG)

14.1. UN number or ID number: UN 2924

14.2. UN proper shipping name: FLAMMABLE LIQUID, CORROSIVE, N.O.S. (acetone, acetic acid)

14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3+8Special Provisions:274Limited quantity:1 LExcepted quantity:E2EmS:F-E, S-C

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 2924

**14.2. UN proper shipping name:** FLAMMABLE LIQUID, CORROSIVE, N.O.S. (acetone, acetic acid)

14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3+8Special Provisions:A3Limited quantity Passenger:0.5 LPassenger LQ:Y340Excepted quantity:E2

IATA-packing instructions - Passenger:352IATA-max. quantity - Passenger:1 LIATA-packing instructions - Cargo:363IATA-max. quantity - Cargo:5 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Warning: Combustible liquid.

## 14.7. Maritime transport in bulk according to IMO instruments

not applicable

## **SECTION 15: Regulatory information**

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

## **EU** regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40

Information according to Directive P5c FLAMMABLE LIQUIDS

2012/18/EU (SEVESO III):

Marketing and use of explosives precursors (Regulation (EU) 2019/1148):

This product is regulated by Regulation (EU) 2019/1148: all suspicious transactions, and significant

disappearances and thefts should be reported to the relevant national contact point.

## **Additional information**

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006



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(REACH), Article 57 above the respective regulatory concentration limit of = 0.1 % (w/w).

### **National regulatory information**

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

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

Water hazard class (D): 1 - slightly hazardous to water

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

### Changes

This data sheet contains changes from the previous version in section(s): 9,12.

#### Abbreviations and acronyms

Flam. Liq: Flammable liquid Skin Corr: Skin corrosion Skin Irrit: Skin irritation Eve Irrit: Eve irritation

STOT SE: Specific target organ toxicity - single exposure

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

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

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

Classification	Classification procedure
Flam. Liq. 2; H225	On basis of test data
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
STOT SE 3; H336	Calculation method

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

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

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