

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**N,N-Dimethylformamid HPLC isocratic grade mind. 99,9 %**

Revision: 19.08.2025

Product code: 19587

Page 1 of 13

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

N,N-Dimethylformamid HPLC isocratic grade mind. 99,9 %

REACH Registration Number: 01-2119475605-32-XXXX  
CAS No: 68-12-2  
Index No: 616-001-00-X  
EC No: 200-679-5

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

Reagents and laboratory chemicals  
Only for laboratory and analysis purposes.

**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 number:**

For Hazardous Materials [or Dangerous Goods] Incidents Spill, Leak, Fire, 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**

No data available

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Flam. Liq. 3; H226  
Repr. 1B; H360D  
Acute Tox. 4; H332  
Acute Tox. 4; H312  
Eye Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****Regulation (EC) No 1272/2008****Signal word:** Danger

**N,N-Dimethylformamid HPLC isocratic grade mind. 99,9 %**

Revision: 19.08.2025

Product code: 19587

Page 2 of 13

**Pictograms:****Hazard statements**

H226	Flammable liquid and vapour.
H312+H332	Harmful in contact with skin or if inhaled.
H319	Causes serious eye irritation.
H360D	May damage the unborn child.

**Precautionary statements**

P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P403+P235	Store in a well-ventilated place. Keep cool.

**Special labelling of certain mixtures**

Restricted to professional users.

**2.3. Other hazards**

No data available

**SECTION 3: Composition/information on ingredients****3.1. Substances**

Sum formula:	HCON(CH <sub>3</sub> ) <sub>2</sub>
Molecular weight:	73,09 g/mol

**Relevant ingredients**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
68-12-2	N,N-dimethylformamide			100 %
	200-679-5	616-001-00-X	01-2119475605-32-XXXX	
	Flam. Liq. 3, Repr. 1B, Acute Tox. 4, Acute Tox. 4, Eye Irrit. 2; H226 H360D H332 H312 H319			

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

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

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
68-12-2	200-679-5	N,N-dimethylformamide	100 %
	inhalation: LC50 = > 5,85 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = > 3160 mg/kg; oral: LD50 = 3010 mg/kg		

**Further Information**

SVHC substance.

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Self-protection of the first aider

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**N,N-Dimethylformamid HPLC isocratic grade mind. 99,9 %**

Revision: 19.08.2025

Product code: 19587

Page 3 of 13

**After inhalation**

Provide fresh air.  
If breathing is irregular or stopped, administer artificial respiration.  
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**

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

**After ingestion**

Rinse mouth immediately and drink plenty of water.  
Call a physician immediately.

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

Irritant

**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**

Foam  
Carbon dioxide (CO<sub>2</sub>)  
Extinguishing powder  
Water

**Unsuitable extinguishing media**

no restriction

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

Combustible liquids  
Hazardous combustion products  
In case of fire may be liberated:  
Nitrogen oxides (NO<sub>x</sub>)  
Vapours are heavier than air, spread along floors and form explosive mixtures with air.  
Heating causes rise in pressure with risk of bursting.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.  
In case of fire and/or explosion do not breathe fumes.  
Avoid contact with skin, eyes and clothes.

**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.  
Move undamaged containers from immediate hazard area if it can be done safely.  
Use water spray jet to protect personnel and to cool endangered containers.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Keep away from sources of ignition - No smoking.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

**N,N-Dimethylformamid HPLC isocratic grade mind. 99,9 %**

Revision: 19.08.2025

Product code: 19587

Page 4 of 13

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**

Avoid exposure - obtain special instructions before use.

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 gas/fumes/vapour/spray. Provide adequate ventilation.

**Advice on protection against fire and explosion**

Take action to prevent static discharges. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Advice on general occupational hygiene**

Keep away from food, drink and animal feedingstuffs.

The choice of body protection depends on the concentration and quantity of hazardous substances. The

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

**N,N-Dimethylformamid HPLC isocratic grade mind. 99,9 %**

Revision: 19.08.2025

Product code: 19587

Page 5 of 13

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

Store in a place accessible by authorized persons only.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep in a cool, well-ventilated place.

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

**Hints on joint storage**

national regulations

**Further information on storage conditions**

Keep container tightly closed.

Keep cool. Protect from sunlight.

storage temperature +5°C - +30°C

**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/m <sup>3</sup>	fib/cm <sup>3</sup>	Category	Origin
68-12-2	Dimethylformamide	5	15		TWA (8 h)	
		10	30		STEL (15 min)	

**Biological limit values**

CAS No	Substance	Parameter	Value	Test material	Sampling time
68-12-2	N,N-Dimethylformamide	N-Methylformamide	15 mg/L	Urine	Post shift

**N,N-Dimethylformamid HPLC isocratic grade mind. 99,9 %**

Revision: 19.08.2025

Product code: 19587

Page 6 of 13

**DNEL/DMEL values**

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
68-12-2	N,N-dimethylformamide			
Worker DNEL, long-term		inhalation	systemic	6 mg/m³
Worker DNEL, long-term		dermal	systemic	1,1 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	1,1 mg/m³
Consumer DNEL, long-term		oral	systemic	0,16 mg/kg bw/day
Worker DNEL, acute		inhalation	local	30 mg/m³
Worker DNEL, acute		dermal	systemic	26,3 mg/kg bw/day
Consumer DNEL, acute		inhalation	systemic	30 mg/m³
Worker DNEL, long-term		inhalation	local	15 mg/m³
Worker DNEL, acute		inhalation	systemic	30 mg/m³
Consumer DNEL, acute		oral	systemic	5,94 mg/kg bw/day
Consumer DNEL, acute		inhalation	local	30 mg/m³
Consumer DNEL, acute		dermal	systemic	15,8 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	1,98 mg/kg bw/day
Consumer DNEL, long-term		inhalation	local	15 mg/m³

**PNEC values**

CAS No	Substance	
Environmental compartment	Value	
68-12-2	N,N-dimethylformamide	
Freshwater	30 mg/l	
Freshwater (intermittent releases)	30 mg/l	
Marine water	3 mg/l	
Freshwater sediment	111 mg/kg	
Marine sediment	11,1 mg/kg	
Micro-organisms in sewage treatment plants (STP)	44 mg/l	
Soil	56,97 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.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

goggles

Face protection umbrella

**Hand protection**

Protective gloves are recommended Company KCL GmbH, D-36124 Eichenzell, email: [vertrieb@kcl.de](mailto:vertrieb@kcl.de) With

**N,N-Dimethylformamid HPLC isocratic grade mind. 99,9 %**

Revision: 19.08.2025

Product code: 19587

Page 7 of 13

specification (test according to EN374):

By long-term hand contact

Trade name/designation KCL 898 Butoject®

Suitable material: Butyl caoutchouc (butyl rubber) 0,7 mm

Wearing time with permanent contact: > 480 min

By short-term hand contact

Trade name/designation KCL 890 Vitoject®

Suitable material: FKM (fluoro rubber) 0,7 mm

Wearing time with occasional contact (splashes): > 240 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](http://www.kcl.de)).

**Skin protection**

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

Wear fire resistant or flame retardant clothing.

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

Draw up and observe skin protection programme.

**Respiratory protection**

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

Filtering device with filter or ventilator filtering device of type: A-(P2)

The entrepreneur 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:	like: Amines
Odour threshold:	No data available
Melting point/freezing point:	-61 °C
Boiling point or initial boiling point and boiling range:	153 °C
Flammability:	No data available
Lower explosion limits:	2,2 vol. %
Upper explosion limits:	16 vol. %
Flash point:	57,5 °C
Auto-ignition temperature:	410 °C
Decomposition temperature:	>350 °C
pH-Value (at 20 °C):	7 (200 g/l)
Viscosity / kinematic:	No data available

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

**N,N-Dimethylformamid HPLC isocratic grade mind. 99,9 %**

Revision: 19.08.2025

Product code: 19587

Page 8 of 13

Water solubility: (at 20 °C)	1000 g/l
Solubility in other solvents	
No data available	
Dissolution rate:	No data available
Partition coefficient n-octanol/water:	No data available
Dispersion stability:	No data available
Vapour pressure: (at 20 °C)	3,77 hPa
Vapour pressure:	No data available
Density:	0,94 g/cm <sup>3</sup>
Bulk density:	No data available
Relative vapour density:	No data available
Particle characteristics:	No data available

**9.2. Other information****Information with regard to physical hazard classes**

## Explosive properties

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

## Sustained combustibility:

No data available

## Self-ignition temperature

Solid:

435 °C

Gas:

No data available

## Oxidizing properties

No data available

**Other safety characteristics**

## Evaporation rate:

No data available

## Solvent separation test:

No data available

## Solvent content:

No data available

## Solid content:

No data available

## Sublimation point:

No data available

## Softening point:

No data available

## Pour point:

No data available

## Viscosity / dynamic:

0,86 mPa·s

(at 20 °C)

## Flow time:

No data available

**Further Information**

No data available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

In case of warming:

Vapours may form explosive mixtures with air.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

Oxidising agent

Alkali metals

Reducing agent



**N,N-Dimethylformamid HPLC isocratic grade mind. 99,9 %**

Revision: 19.08.2025

Product code: 19587

Page 9 of 13

Isocyanates  
Phosphorus oxides  
Bromine  
Chlorine  
permanganates, e.g. potassium permanganate  
NO<sub>3</sub>, Na

**10.4. Conditions to avoid**

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

**10.5. Incompatible materials**

Plastic articles  
copper  
Copper alloys  
Tin

**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****Toxicokinetics, metabolism and distribution**

Avoid exposure - obtain special instructions before use.

**Acute toxicity**

Harmful if inhaled.

Harmful in contact with skin.

Mucous membrane irritation in the mouth, throat, esophagus and gastrointestinal tract.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
68-12-2	N,N-dimethylformamide				
	oral	LD50 3010 mg/kg	Rat	also cited in OECD SIDS Dimethylformamid	OECD Guideline 401
	dermal	LD50 > 3160 mg/kg	Rabbit	Study report (1978)	OECD Guideline 405
	inhalation (4 h) vapour	LC50 > 5,85 mg/l	Rat	also cited in OECD SIDS Dimethylformamid	OECD Guideline 403
	inhalation dust/mist	ATE 1,5 mg/l			

**Irritation and corrosivity**

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

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

May damage the unborn child. (N,N-dimethylformamide)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**N,N-Dimethylformamid HPLC isocratic grade mind. 99,9 %**

Revision: 19.08.2025

Product code: 19587

Page 10 of 13

**STOT-single exposure**

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

Damage to:

kidneys

liver

**STOT-repeated exposure**

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

**Aspiration hazard**

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

**Information on likely routes of exposure**

No data available

**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****Endocrine disrupting properties**

No data available

**Other information**

No data available

**Further information**

Headache

Dizziness

Dizziness

**SECTION 12: Ecological information****12.1. Toxicity**

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

**N,N-Dimethylformamid HPLC isocratic grade mind. 99,9 %**

Revision: 19.08.2025

Product code: 19587

Page 11 of 13

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
68-12-2	N,N-dimethylformamide					
	Acute fish toxicity	LC50 7100 mg/l	96 h	Lepomis macrochirus	REACH Registration Dossier	other: US EPA guideline 660/3-75-009
	Acute algae toxicity	ErC50 > 1000 mg/l	72 h	Desmodesmus subspicatus	REACH Registration Dossier	other: DIN 38412, part 9, "Determination"
	Acute crustacea toxicity	EC50 13100 mg/l	48 h	Daphnia magna	REACH Registration Dossier	OECD Guideline 202
	Fish toxicity	NOEC > 102 mg/l	21 d	Oryzias latipes	REACH Registration Dossier	OECD Guideline 204
	Algae toxicity	NOEC 940 mg/l	14 d	Raphidocelis subcapitata	Bull. Environ. Contam. Toxicol. 31, 98-1	other: EPA-600/9-78-018
	Crustacea toxicity	NOEC 1500 mg/l	21 d	Daphnia magna	REACH Registration Dossier	Semi-Static toxicity test

**12.2. Persistence and degradability**

100 %; 21 d; aerob

OECD 301E

Readily biodegradable (according to OECD criteria).

**12.3. Bioaccumulative potential**

No indication of bioaccumulation potential.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
68-12-2	N,N-dimethylformamide	-0,85

**BCF**

CAS No	Chemical name	BCF	Species	Source
68-12-2	N,N-dimethylformamide	0,3 - 1,2	Cyprinus carpio	REACH Registration D

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6. Endocrine disrupting properties**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

**12.7. Other adverse effects**

Do not allow to enter into surface water or drains.

**Further information**

Avoid release to the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

**N,N-Dimethylformamid HPLC isocratic grade mind. 99,9 %**

Revision: 19.08.2025

Product code: 19587

Page 12 of 13

**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)**

<b>14.1. UN number or ID number:</b>	UN 2265
<b>14.2. UN proper shipping name:</b>	N,N-DIMETHYLFORMAMIDE
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	III
Hazard label:	3
Classification code:	F1
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	30
Tunnel restriction code:	D/E

**Inland waterways transport (ADN)**

<b>14.1. UN number or ID number:</b>	UN 2265
<b>14.2. UN proper shipping name:</b>	N,N-DIMETHYLFORMAMIDE
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	III
Hazard label:	3
Classification code:	F1
Limited quantity:	5 L
Excepted quantity:	E1

**Marine transport (IMDG)**

<b>14.1. UN number or ID number:</b>	UN 2265
<b>14.2. UN proper shipping name:</b>	N,N-DIMETHYLFORMAMIDE
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	III
Hazard label:	3
Special Provisions:	-
Limited quantity:	5 L
Excepted quantity:	E1
EmS:	F-E, S-D

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

<b>14.1. UN number or ID number:</b>	UN 2265
<b>14.2. UN proper shipping name:</b>	N,N-DIMETHYLFORMAMIDE
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	III
Hazard label:	3
Limited quantity Passenger:	10 L
Passenger LQ:	Y344
Excepted quantity:	E1
IATA-packing instructions - Passenger:	355

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### N,N-Dimethylformamid HPLC isocratic grade mind. 99,9 %

Revision: 19.08.2025

Product code: 19587

Page 13 of 13

IATA-max. quantity - Passenger:	60 L
IATA-packing instructions - Cargo:	366
IATA-max. quantity - Cargo:	220 L

## SECTION 15: Regulatory information

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

#### EU regulatory information

Authorisations (REACH, annex XIV):

This substance has been listed as SVHC (substance of very high concern) in the Candidate List according to Article 59 of REACH.

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 30, Entry 40, Entry 75

Information according to Directive  
2012/18/EU (SEVESO III):

P5c FLAMMABLE LIQUIDS

#### National regulatory information

Employment restrictions:

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

Water hazard class (D):

2 - obviously hazardous to water

## SECTION 16: Other information

#### Abbreviations and acronyms

Flam. Liq. 3: Flammable liquids, hazard category 3

Acute Tox. 4: Acute toxicity, hazard category 4

Eye Irrit. 2: Eye irritation, hazard category 2

Repr. 1B: Reproductive toxicity, hazard category 1B

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

H226 Flammable liquid and vapour.

H312 Harmful in contact with skin.

H312+H332 Harmful in contact with skin or if inhaled.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H360D May damage the unborn child.

#### Further Information

Provide appropriate information, instructions and training to users

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.

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.