

SECTION 1: Identification of the subs	stance/mixture and of the company/undertaking
1.1. Product identifier	
Mixture identification:	
Trade name:	T05A2
Trade code:	C13T05A200
UFI:	XJ5M-9KTJ-5J0M-MAAW
1.2. Relevant identified uses of the su	ubstance or mixture and uses advised against
Recommended use:	-
Ink for inkje	et printing
1.3. Details of the supplier of the safe	ety data sheet
Company:	
EPSON EU	JROPE B.V.
	ig, Atlas ArenA, Hoogoorddreef 5,1101 BA Amsterdam
Zuidoost Th	ne Netherlands
Phone num	ber: +31-20-314-5000
	ofor the safety data sheet:
Competent person responsible chemicals	2epson.eu
chemicals@ Date:	
chemicals@ Date: Revision:	2epson.eu
chemicals Date: Revision: 1.4. Emergency telephone number	©epson.eu 20/10/2022 7.0
chemicals Date: Revision: 1.4. Emergency telephone number Phone number:	©epson.eu 20/10/2022 7.0 +31-20-314-5000
chemicals Date: Revision: 1.4. Emergency telephone number	 Pepson.eu 20/10/2022 7.0 +31-20-314-5000 01952 607111 Monday to Friday 9am to 5:30pm.
chemicals Date: Revision: 1.4. Emergency telephone number Phone number:	 Pepson.eu 20/10/2022 7.0 +31-20-314-5000 01952 607111 Monday to Friday 9am to 5:30pm. Emergency Action: In the event of a medical enquiry involving
chemicals Date: Revision: 1.4. Emergency telephone number Phone number:	 Pepson.eu 20/10/2022 7.0 +31-20-314-5000 01952 607111 Monday to Friday 9am to 5:30pm. Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital
chemicals Date: Revision: 1.4. Emergency telephone number Phone number: United Kingdom;	 Pepson.eu 20/10/2022 7.0 +31-20-314-5000 01952 607111 Monday to Friday 9am to 5:30pm. Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.
chemicals Date: Revision: 1.4. Emergency telephone number Phone number: United Kingdom; Ireland;	 Pepson.eu 20/10/2022 7.0 +31-20-314-5000 01952 607111 Monday to Friday 9am to 5:30pm. Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department. +353 (01) 809 2566 or +353 (01) 809 2166
chemicals Date: Revision: 1.4. Emergency telephone number Phone number: United Kingdom;	 Pepson.eu 20/10/2022 7.0 +31-20-314-5000 01952 607111 Monday to Friday 9am to 5:30pm. Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

Danger, Repr. 1B, May damage fertility or the unborn child.

Adverse physicochemical, human health and environmental effects: No other hazards

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H360 May damage fertility or the unborn child.

Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

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

P308+P313 IF exposed or concerned: Get medical advice/attention.

P405 Store locked up.

P501 Dispose of contents/container in accordance with applicable regulations. Special Provisions:

C13T05A200_en Page n. 1 of 10 Version 8.2 Revision 7.0



EUH208 Contains 2,4,7,9-tetramethyldec-5-yne-4,7-diol. May produce an allergic reaction.

Contains

2-Pyrrolidone

Special provisions according to Annex XVII of REACH and subsequent amendments: None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1% Other Hazards: No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

No

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Numb	er	Classification
50% ~ 65%	Water	CAS: EC:	7732-18-5 231-791-2	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).
5% ~ 7%	Glycerol	CAS: EC:	56-81-5 200-289-5	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).
3% ~ 5%	2-Pyrrolidone	CAS: EC: REACH No.:	616-45-5 210-483-1 01-21194754 71-37	 3.3/2 Eye Irrit. 2 H319 3.7/1B Repr. 1B H360 Specific Concentration Limits: C >= 3%: Repr. 1B H360
0.25% ~ 0.5%	2,4,7,9-tetramethyldec- 5-yne-4,7-diol	CAS: EC: REACH No.:	126-86-3 204-809-1 01-21199543 90-39	 3.3/1 Eye Dam. 1 H318 3.4.2/1B Skin Sens. 1B H317 4.1/C3 Aquatic Chronic 3 H412
0.1% ~ 0.25%	sodium nitrite	Index number: CAS: EC:	007-010-00-4 7632-00-0 231-555-9	 2.14/3 Ox. Sol. 3 H272 4.1/A1 Aquatic Acute 1 H400 3.1/3/Oral Acute Tox. 3 H301
0.1% ~ 0.25%	Triethanolamine	CAS: EC: REACH No.:	102-71-6 203-049-8 01-21194864 82-31	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

C13T05A200_en Page n. 2 of 10 Version 8.2 Revision 7.0



In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

- 4.2. Most important symptoms and effects, both acute and delayed
 - None
- 4.3. Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

SECTION 5: Firefighting measures

- 5.1. Extinguishing media
 - Suitable extinguishing media:
 - Water.
 - Carbon dioxide (CO2).
 - Extinguishing media which must not be used for safety reasons: None in particular.
- 5.2. Special hazards arising from the substance or mixture Do not inhale explosion and combustion gases.
 - Burning produces heavy smoke.
- 5.3. Advice for firefighters
 - Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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

SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
 - Wear personal protection equipment.
 - Remove persons to safety.
 - See protective measures under point 7 and 8.
- 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

- Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up
 - Wash with plenty of water.
- 6.4. Reference to other sections See also section 8 and 13

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
 - Avoid contact with skin and eyes, inhalation of vapours and mists. Exercise the greatest care when handling or opening the container. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.



See also section 8 for recommended protective equipment. Advice on general occupational hygiene: Contamined clothing should be changed before entering eating areas. Do not eat or drink while working. 7.2. Conditions for safe storage, including any incompatibilities Keep away from food, drink and feed. Incompatible materials: None in particular. Instructions as regards storage premises: Adequately ventilated premises. 7.3. Specific end use(s) None in particular SECTION 8: Exposure controls/personal protection 8.1. Control parameters Glycerol - CAS: 56-81-5 - OEL Type: OSHA - TWA: 5 mg/m3 - Notes: Respirable dust - OEL Type: OSHA - TWA: 15 mg/m3 - Notes: Total dust Triethanolamine - CAS: 102-71-6 - OEL Type: ACGIH - TWA(8h): 5 mg/m3 **DNEL Exposure Limit Values** 2-Pyrrolidone - CAS: 616-45-5 Worker Industry: 13.23 mg/m3 - Worker Professional: 1.985 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects Worker Industry: 1.876 mg/kg/day - Worker Professional: 0.67 mg/kg/day -Exposure: Human Dermal - Frequency: Long Term, systemic effects Worker Professional: 0.67 mg/kg/day - Exposure: Human Oral - Frequency: Long Term, systemic effects Triethanolamine - CAS: 102-71-6 Worker Industry: 6.3 mg/kg/day - Consumer: 3.1 mg/kg/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects Worker Industry: 5 mg/m3 - Consumer: 1.25 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects Consumer: 13 mg/kg/day - Exposure: Human Oral - Frequency: Short Term, systemic effects PNEC Exposure Limit Values 2-Pyrrolidone - CAS: 616-45-5 Target: Fresh Water - Value: 0.5 mg/l Target: Freshwater sediments - Value: 2.17 mg/kg Target: Marine water - Value: 0.05 mg/l Target: Marine water sediments - Value: 0.217 mg/kg Target: Microorganisms in sewage treatments - Value: 10 mg/l 2,4,7,9-tetramethyldec-5-yne-4,7-diol - CAS: 126-86-3 Target: Fresh Water - Value: 0.04 mg/l Target: Marine water - Value: 0.004 mg/l Target: Freshwater sediments - Value: 0.32 mg/kg Target: Marine water sediments - Value: 0.032 mg/kg Triethanolamine - CAS: 102-71-6 Target: Fresh Water - Value: 0.32 mg/l Target: Marine water - Value: 0.032 mg/l Target: Freshwater sediments - Value: 1.7 mg/kg Target: Marine water sediments - Value: 0.17 mg/kg Target: Soil (agricultural) - Value: 0.151 mg/kg 8.2. Exposure controls

C13T05A200_en Page n. 4 of 10



8.2.1. Appropriate engineering controls: None 8.2.2. Individual protection measures, such as personal protective equipment Eye protection: Use close fitting safety goggles, don't use eye lens. Protection for skin: Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton. Protection for hands: Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber. Respiratory protection: Use personal protective equipment as required. Thermal Hazards: None 8.2.3. Environmental exposure controls: None Appropriate engineering controls: None

SECTION 9: Physical and chemical properties

No other relevant information

Stable under normal conditions

Stable under normal conditions 10.3. Possibility of hazardous reactions

SECTION 10: Stability and reactivity

10.2. Chemical stability

10.1. Reactivity

None 10.4. Conditions to avoid

nor of hybrid and chomed properties	
9.1. Information on basic physical and chemical prop	
Physical state:	Liquid
Colour:	Cyan
Odour:	Slightly
Melting point / freezing point:	-27.2 °C
Boiling point or initial boiling point and boiling	range:
	No data available
Flammability:	Non-flammable
Lower and upper explosion limit:	No data available
Flash point:	Does not flash until 99.5 °C / 211 ° F
•	(closed cup method, ASTM D 3278)
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	8.3 ~ 9.3 at 20 °C
Kinematic viscosity:	< 5 mm2/s at 20 °C
Solubility in water:	Soluble
Vapour pressure:	No data available
Density and/or relative density:	1.082 at 20 °C
	Specific gravity (relative density)
Relative vapour density:	No data available
Particle characteristics:	Not Relevant
9.2. Other information	

C13T05A200_en Page n. 5 of 10



Stable under normal conditions.

- 10.5. Incompatible materials
 - None in particular.
- 10.6. Hazardous decomposition products None.

SECTION 11: Toxicological information

- 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
 - Toxicological information of the product:
 - e) germ cell mutagenicity:
 - Test: Mutagenesis Species: Salmonella Typhimurium and Escherichia coli Negative
 - f) carcinogenicity:
 - Does not contain carcinogens (Ref. 1)

Toxicological information of the main substances found in the product:

- Glycerol CAS: 56-81-5
 - a) acute toxicity:
 - Test: LD50 Route: Oral Species: Guinea pig = 7750 mg/kg Source: Journal of Industrial Hygiene and Toxicology. Vol. 23, Pg. 259, 1941 Test: LDLo - Route: Oral - Species: Human = 1428 mg/kg - Source: "Toxicology
 - of Drugs and Chemicals," Deichmann, W.B., New York, Academic Press, Inc., 1969Vol. -, Pg. 288, 1969.
 - 2-Pyrrolidone CAS: 616-45-5
 - a) acute toxicity:
 - Test: LD50 Route: Oral Species: Rat > 2000 mg/kg
 - Test: LD50 Route: Dermal Species: Rabbit > 2000 mg/kg
 - b) skin corrosion/irritation:
 - Test: Skin Irritant Species: Rabbit Non-irritant
 - c) serious eye damage/irritation:
 - Test: Eye Irritant Species: Rabbit Moderate irritant Based on available data, the classification criteria are not met
 - d) respiratory or skin sensitisation:
 - Test: Skin Sensitisation Route: LLNA Species: Mouse Negative
 - e) germ cell mutagenicity:

Test: Mutagenesis - Species: Salmonella Typhimurium and Escherichia coli Negative

- 2,4,7,9-tetramethyldec-5-yne-4,7-diol CAS: 126-86-3
- a) acute toxicity:

Test: LD50 - Route: Dermal - Species: Rat > 2000 mg/kg

b) skin corrosion/irritation:

Test: Skin Irritant - Species: Rabbit Mild irritant

c) serious eye damage/irritation:

Test: Eye Irritant - Species: Rabbit Highly irritating

- d) respiratory or skin sensitisation:
- Test: Skin Sensitisation Route: LLNA Species: Mouse Sensitiser
- e) germ cell mutagenicity:
- Test: Mutagenesis Species: Salmonella Typhimurium Negative Triethanolamine - CAS: 102-71-6
- a) acute toxicity:

Test: LD50 - Route: Oral - Species: Guinea pig = 2200 mg/kg - Source: "Toxicometric Parameters of Industrial Toxic Chemicals Under Single Exposure," Izmerov, N.F., et al., Moscow, Centre of International Projects, GKNT, 1982Vol. -, Pg. 114, 1982.



Test: LD50 - Route: Oral - Species: Mouse = 5846 mg/kg - Source: Science Reports of the Research Institutes, Tohoku University, Series C: Medicine. Vol. 36(1-4), Pg. 10, 1989.

If not differently specified, the information required in Regulation (EU)2020/878 listed below must be considered as N.A.:

a) acute toxicity;

b) skin corrosion/irritation;

c) serious eye damage/irritation;

- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;

f) carcinogenicity;

- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.
- 11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration >= 0.1%

SECTION 12: Ecological information

- 12.1. Toxicity
 - Adopt good working practices, so that the product is not released into the environment. Toxicological information of the product:
 - No data available
 - Toxicological information of the main substances found in the product:
 - 2-Pyrrolidone CAS: 616-45-5
 - a) Aquatic acute toxicity:
 - Endpoint: LC50 Species: Fish > 4600 mg/l Duration h: 96 Endpoint: EC50 - Species: Daphnia > 500 mg/l - Duration h: 24 Endpoint: EC50 - Species: Algae > 500 mg/l - Duration h: 72
 - 2,4,7,9-tetramethyldec-5-yne-4,7-diol CAS: 126-86-3
 - a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 36 mg/l - Duration h: 96 Endpoint: EC50 - Species: Daphnia = 88 mg/l - Duration h: 48 Endpoint: EC50 - Species: Algae = 15 mg/l - Duration h: 72

c) Bacteria toxicity:

Endpoint: EC50 - Species: activated sludge = 630 mg/l - Duration h: 0.5 12.2. Persistence and degradability

- No data available
- 12.3. Bioaccumulative potential
 - No data available
- 12.4. Mobility in soil
 - No data available
- 12.5. Results of PBT and vPvB assessment
 - vPvB Substances: None PBT Substances: None
- 12.6. Endocrine disrupting properties No endocrine disruptor substances present in concentration >= 0.1%
- 12.7. Other adverse effects None

SECTION 13: Disposal considerations

13.1. Waste treatment methods



Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

14.1. UN number or ID number

Not classified as dangerous in the meaning of transport regulations.

- 14.2. UN proper shipping name
- No data available 14.3. Transport hazard class(es)
- No data available
- 14.4. Packing group No data available
- 14.5. Environmental hazards
 - No data available
- 14.6. Special precautions for user No data available
- 14.7. Maritime transport in bulk according to IMO instruments No data available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture Dir 08/24/EC (Bicks related to shomical agents at work)

Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 2020/878 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 618/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU) n. 2015/1221 (ATP 7 CLP) Regulation (EU) n. 2016/918 (ATP 8 CLP) Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2018/669 (ATP 11 CLP) Regulation (EU) n. 2018/1480 (ATP 13 CLP) Regulation (EU) n. 2019/521 (ATP 12 CLP)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

- Regulation (EU) n. 2020/217 (ATP 14 CLP) Regulation (EU) n. 2020/1182 (ATP 15 CLP)
- Regulation (EU) n. 2020/1102 (ATP 15 CLP)
- Regulation (EC) n. 2021/849 (ATP 17 CLP)
- Regulation (EC) n. 2022/692 (ATP 18 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restrictions related to the substances contained:

Restriction 75

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)



Provisions related to directive EU 2012/18 (Seveso III): Seveso III category according to Annex 1, part 1 None

15.2. Chemical safety assessment No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H319 Causes serious eye irritation. H360 May damage fertility or the unborn child.

H318 Causes serious eve damage.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

H272 May intensify fire; oxidiser.

H400 Very toxic to aquatic life.

H301 Toxic if swallowed.

Hazard class and hazard category	Code	Description
Ox. Sol. 3	2.14/3	Oxidising solid, Category 3
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1B	3.4.2/1B	Skin Sensitisation, Category 1B
Repr. 1B	3.7/1B	Reproductive toxicity, Category 1B
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

This safety data sheet has been completely updated in compliance to Regulation 2020/878. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Repr. 1B, H360	Calculation method

This document was prepared by a competent person who has received appropriate training. Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

Ref. 1 •IARC Monographs on the Evaluation Carcinogenic Risks to Humans (IARC: International Agency for Research on Cancer)

Journal of Occupational Health (JOH) (Japan Society of Occupational Health (JSOH))
 TLVs and BEIs (ACGIH: American Conference of Governmental Industrial Hygienists)
 IRIS Carcinogenic Assessment (IRIS: Integrated Risk Information System of US EPA)
 National Toxicology Program (NTP) Report on Carcinogens (USA)

Annex VI of REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and



packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 •MAK und BAT Werte Liste (DFG: German Research Foundation) •TRGS 905, Verzeichnis krebserzeugender, keimzell mutagener oder reproduktionstoxischer Stoffe (AGS: Committee on Hazardous Substances, Germany)

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This Safety Data Sheet cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS: GefStoffVO:	European Inventory of Existing Commercial Chemical Substances. Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of
erre.	Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport
	Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.