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Safety data sheet according to 1907/2006/EC, Article 31

Printing date 09.03.2023 Version number 52 (replaces version 51) Revision: 09.03.2023

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

· 1.1 Product identifier

Trade name tesa 60150

1.2 Relevant identified uses of the substance or mixture and uses

advised against
Application of the substance / the

mixture

No further relevant information available.

Coating material

Priming Intermediate

· 1.3 Manufacturer/Supplier: tesa SE

Hugo-Kirchberg-Strasse 1 D-22848 Norderstedt Tel.: +49-40-88899-101

Germany

· Informing department: tesa SE, Corporate Regulatory Affairs

SDS@tesa.com, Tel.: +49-40-88899-6954

· 1.4 Emergency telephone number:

Poisons Information Centre in Germany:

Poison Information Centre North

Centre of Pharmacology and Toxicology of University Goettingen

Robert-Koch Strasse 40, D-37075 Goettingen

Telephone: +49 551 38 31 80

Emergency telephone: +49 551 19240 (24 hours available)

Poisons Information Centres in Europe:

see WHO website:

http://www.who.int/ipcs/poisons/centre/directory/euro/en/

UNITED KINGDOM:

The UK National Poisons Emergency number is 0870 600 6266

London:

Emergency 24 hour telephone: +44 (0)20 7188 0100

Guy's & St Thomas' Poisons Unit Medical Toxicology Information Services

Mary Sheridan House, Guy's Hospital, Great Maze Pond, London SE1 9RT

Reception Headquarters

tesa SE, Hugo-Kirchberg-Str. 1, 22848 Norderstedt, Germany

Phone: +49 40 88899 2667 (Mon.-Thurs. 07:00-18:00h, Fr. 07:00-15:00h)

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008



Flam. Liq. 2 H225 Highly flammable liquid and vapour.



Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

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Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.



Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

· 2.2 Label elements

· Labelling according to Regulation

(EC) No 1272/2008

Hazard pictograms

The product is classified and labelled according to the GB CLP regulation.





GHS07





GHS09

GHS02

Signal word Danger

· Hazard-determining components of

labelling:

cyclohexane ethylbenzene

Naphtha (petroleum), hydrotreated light (Note P)

· **Hazard statements** H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

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

H304 May be fatal if swallowed and enters airways. H410 Very toxic to aquatic life with long lasting effects.

• **Precautionary statements** P210 Keep away from heat, hot surfaces, sparks, open flames and other

ignition sources. No smoking.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P321 Specific treatment (see on this label).

P331 Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated

clothing. Rinse skin with water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

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

rinsing.

P362+P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage. P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/

national/international regulations.

• Additional information: EUH208 Contains reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number

average molecular weight = 700). May produce an allergic reaction.

2.3 Other hazards The product does not contain any elutable organically bound halogen compounds that

can lead to an increase in the AOX value in the context of waste water analysis.

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· Results of PBT and vPvB assessment

PBT: Not classifiedvPvB: Not classified

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

• **Description:** Solvent mixture with additives.

Adhesion Promoter

· Characterisation equipment,

container: None

· Dangerous components:		
CAS: 110-82-7 EINECS: 203-806-2 Reg.nr.: 01-2119463273-41-XXXX	cyclohexane Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Skin Irrit. 2, H315; STOT SE 3, H336	<50%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-XXXX	xylene, mixed isomers, pure Flam. Liq. 3, H226 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	<25%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25-XXXX	propan-2-ol ♦ Flam. Liq. 2, H225 1) Eye Irrit. 2, H319; STOT SE 3, H336	<25%
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49-XXXX	acetone Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336 EUH066	<10%
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119489370-35-xxxx	ethylbenzene Flam. Liq. 2, H225 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H332	<10%
CAS: 64742-49-0 Reg.nr.: 01-2119486291-36-XXXX	Naphtha (petroleum), hydrotreated light (Note P) Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 Skin Irrit. 2, H315; STOT SE 3, H336	<10%
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-XXXX	ethyl acetate Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336 EUH066	<2.5%
CAS: 25068-38-6 NLP: 500-033-5 Reg.nr.: 01-2119456619-26-xxxx	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight = 700) Aquatic Chronic 2, H411 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 EUH205 Specific concentration limits: Eye Irrit. 2; H319: C ≥ 5 % Skin Irrit. 2; H315: C ≥ 5 %	<1%

Regulation (EC) No 648/2004 on

detergents / Labelling for contents not applicable

• **Additional information** The wording of the listed hazard statements can be found in section 16.

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SECTION 4: First aid measures

· 4.1 Description of first aid measures

• General information Instantly remove any clothing soiled by the product.

• After inhalation In case of unconsciousness bring patient into stable side position for transport.

May cause drowsiness / dizziness.

After skin contact Instantly wash with water and soap and rinse thoroughly.

After eye contact
 Rinse opened eye for several minutes under running water. Consult a doctor if

symptoms persist.

• After swallowing Consult a doctor if symptoms persist

 4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special

of indication of any infinediate

treatment neededNo further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

• Suitable extinguishing agents CO2, extinguishing powder or water spray. Fight larger fires with water spray or

alcohol-resistant foam.

For safety reasons unsuitable extinguishing agents

extinguishing agents Water with a full water jet.

· 5.2 Special hazards arising from the

substance or mixture

In the event of a fire, may be released:

Nitrogen oxides (NOx) Carbon monoxide (CO) Carbon dioxide (CO2)

Under certain fire conditions, traces of other toxic substances cannot be excluded.

5.3 Advice for firefighters

• **Protective equipment:** Put on breathing apparatus.

Do not inhale explosion gases or combustion gases.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective

equipment and emergency

procedures
6.2 Environmental precautions:

Wear protective equipment. Keep unprotected persons away.



Do not allow to enter drains or water courses.

Prevent material from reaching sewage system, holes and cellars. Inform resposible authorities in case of spilling into water or sewage

system.

· 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders,

sawdust).

Dispose of contaminated material as waste according to section 13.

Ensure adequate ventilation.

6.4 Reference to other sections See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

· Information about protection against explosions and fires:



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges. Handle only outside or in explosion protected rooms. Fumes can combine with air to form an explosive mixture.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage

· Requirements to be met by

storerooms and containers: Store in cool location.

· Information about storage in one

common storage facility:

void void

· Further information about storage

conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed containers.

Store only outside or in explosion proof rooms.

Storing flammable liquids the Nationonal regulations have to be fulfilled!

· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

.1 Control parameters				
· Components with critical values that require monitoring at the workplace:				
110-82-7 cyclohexane				
VEL Short-term value: 1050 mg/m³, 300 ppm Long-term value: 350 mg/m³, 100 ppm				
330-20-7 xylene, mixed isomers, pure				
VEL Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm				

Sk; BMGV 67-63-0 propan-2-ol

WEL Short-term value: 1250 mg/m³, 500 ppm Long-term value: 999 mg/m³, 400 ppm

67-64-1 acetone

WEL Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm

100-41-4 ethylbenzene

WEL Short-term value: 552 mg/m³, 125 ppm Long-term value: 441 mg/m³, 100 ppm

Sk

141-78-6 ethyl acetate

WEL Short-term value: 1468 mg/m³, 400 ppm Long-term value: 734 mg/m³, 200 ppm

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· Ingredients with biological limit values:

1330-20-7 xylene, mixed isomers, pure

BMGV 650 mmol/mol creatinine

Medium: urine

Sampling time: post shift

Parameter: methyl hippuric acid

Additional information:

The lists that were valid during the compilation were used as basis.

- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see item 7.
- Individual protection measures, such as personal protective equipment
- · General protective and hygienic

measures

The usual precautionary measures should be adhered to in handling the chemicals.

Keep away from foodstuffs, beverages and food. Instantly remove any contaminated garments.

Wash hands before breaks and at the end of the work.

Avoid contact with the eyes and skin.

Breathing equipment:

In case of prolonged exposure or insufficient ventilation at the exposure site:

Use gas-filtering equipment with half-face or full-face masks or blower fans

with ventilated bonnets.

Use filters for solvents (high and low boilers) with colour code brown

(protection level A, protection class 2 or protection level AX).

Filter loading depends on the maximum pollutant concentration and emitted pollutant quantity.

initied politicant quantity.

AX filters may only be used in the condition in which they were delivered

(fresh from the factory). Reuse is absolutely prohibited.

The maximum wearing time of the respirator must be determined by the safety expert and the company doctor according to the activities and loads.

In case of short-term exposure or in well-ventilated work areas (e.g. processing under an effective object exhaust system or with >4-fold air exchange in the room):

In case of short term exposure use respiratory protection. In case of intensive or longer exposure use respiratory protection equipment

independent from ambient air.

• Hand protection The glove material has to be impermeable and resistant to the product/ the substance/

the preparation.

Selection of the glove material on consideration of the penetration times, rates of

diffusion and the degradation

· Material of gloves Butyl rubber, BR

Use solvent-resistant gloves.

Suitability and resistance of a glove depend on the conditions of use, such as frequency and duration of contact, chemical resistance of the glove material, thickness and fit of the gloves. As a general rule, the glove manufacturer should be consulted for the necessary information. Contaminated or damaged gloves should be replaced

immediately.

Penetration time of glove material Butyl rubber (layer thickness min. 0.3 mm) max. 15 minutes

The exact breakthrough time must be obtained from the protective glove manufacturer

and must be observed.

 As protection from splashes gloves made of the following materials are suitable:

Not suitable are gloves made of the

Fluorocarbon rubber (Viton)

following materials:

Nitrile rubber, NBR Natural rubber, NR Neoprene gloves

Eye/face protection
 Safety glasses recommended during refilling.

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· Body protection: Work clothes (closed, long-sleeved)

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state liquid

· Colour: According to product specification

· Smell: Characteristic

Odour threshold: Not determined.Melting point/freezing point: Not determined

Boiling point or initial boiling point and boiling range 55 °C

Flammability Highly flammable.

Lower and upper explosion limit

 Lower:
 1.1 Vol %

 Upper:
 12 Vol %

 Flash point:
 -18 °C

 Auto-ignition temperature:
 260 °C

Decomposition temperature:pHNot determined.Not determined.

· Viscosity:

Kinematic viscositydynamic:Not determined.Not determined.

Solubility

Water: Partly miscible
 Partition coefficient n-octanol/water (log value) Not determined.
 Steam pressure at 20 °C: 104 hPa

· Density and/or relative density

Density
 Relative density
 Vapour density
 Not determined.
 Not determined.

· 9.2 Other information

· Appearance:

· Form: Liquid

Important information on protection of health and environment, and on safety.

· Self-inflammability: Product is not selfigniting.

• Explosive properties: Product is not explosive. However, formation of explosive air/

steam mixtures is possible.

· Solvent content:

· Organic solvents: 93.2 % · Solids content: 6.8 %

· Change in condition

• Evaporation rate Not determined.

· Information with regard to physical hazard classes

Explosives
Flammable gases
Aerosols
Oxidising gases
Gases under pressure

Void
Void

• Flammable liquids Highly flammable liquid and vapour.

· Flammable solids Void

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		(Oonta. or page 7)
· Self-reactive substances and mixtures	Void	
· Pyrophoric liquids	Void	
Pyrophoric solids	Void	
Self-heating substances and mixtures	Void	
Substances and mixtures, which emit flammable	e gases in	
contact with water	Void	
· Oxidising liquids	Void	
· Oxidising solids	Void	
· Organic peroxides	Void	
· Corrosive to metals	Void	
Desensitised explosives	Void	

SECTION 10: Stability and reactivity

• 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

Thermal decomposition / conditions

to be avoided: No decomposition if used according to specifications.

· 10.3 Possibility of hazardous

reactions

No dangerous reactions known

• 10.4 Conditions to avoid
• 10.5 Incompatible materials:

No further relevant information available.

No further relevant information available.

· 10.6 Hazardous decomposition

products: No dangerous decomposition products known

SECTION 11: Toxicological information

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

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

· LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimates)

Dermal LD50 4,967 mg/kg Inhalative LC50/4 h 234 mg/l

Skin corrosion/irritation
 Serious eye damage/irritation
 STOT-single exposure
 Causes skin irritation.
 Causes serious eye irritation.
 May cause drowsiness or dizziness.

• **Aspiration hazard** May be fatal if swallowed and enters airways.

11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

Aquatic toxicity:
 12.2 Persistence and degradability
 12.3 Bioaccumulative potential
 12.4 Mobility in soil
 No further relevant information available.
 No further relevant information available.
 No further relevant information available.

12.5 Results of PBT and vPvB assessment

· PBT: Not applicable.

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· vPvB:

· 12.6 Endocrine disrupting

properties

12.7 Other adverse effects

· Remark:

· Additional ecological information:

· According to recipe contains the following heavy metals and compounds according to EC

Not applicable.

The product does not contain substances with endocrine disrupting properties.

Very toxic for fish

quideline NO. 76/464 EC:

Free of heavy metals (Pb, Cd, Hg, Cr6+)

Free of polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers

(PBDEs) in accordance with the RoHS Directive.

General notes: Also poisonous for fish and plankton in water bodies.

Very toxic for aquatic organisms

Water hazard class 2 (Self-assessment): hazardous for water.

Prevent product from reaching ground water, water bodies or sewage systems.

Danger to drinking water even if small quantities leak into soil.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Must be specially treated under adherence to official regulations.

· Additional information about the European waste catalogue:

Disposal should be carried out in compliance with the legal regulations after consultation with the competent local authority and the disposal company in a suitable facility approved for this purpose. According to EU Directive 2000/532/EC in conjunction with Directive 75/442/EEC, the assignment of a waste code number must be carried out on a sector-specific basis and in consultation with the regional disposal company.

Uncleaned packaging must be disposed of in consultation with the regional waste · Uncleaned packagings:

disposal company.

Void

· Recommendation: Disposal according to official regulations.

SECTION 14: Transport information

· ADR, IMDG, IATA UN1866

· 14.2 UN proper shipping name · ADR

· IMDG

· 14.1 UN number or ID number

RESIN SOLUTION, ENVIRONMENTALLY HAZARDOUS, (vapour

pressure at 50°C not more than 110 kPa) RESIN SOLUTION, MARINE POLLUTANT

· IATA **RESIN SOLUTION**

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· Transport category Tunnel restriction code

· Limited quantities (LQ)

·IMDG

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· 14.3 Transport hazard class(es)	
· ADR	
· Class	3 (F1) Flammable liquids.
· Label	3
· IMDG	
Class	3 Flammable liquids.
· Label	3
· IATA	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group · ADR, IMDG, IATA	II
· 14.5 Environmental hazards: · Marine pollutant:	Product contains environmentally hazardous substances: cyclohexane Yes
· Special marking (ADR):	Symbol (fish and tree) Symbol (fish and tree)
· 14.6 Special precautions for user · Page:	Warning: Flammable liquids. 33
· EMS Number:	F-E,S-E
· Stowage Category	В
· 14.7 Maritime transport in bulk according	g to IMO
instruments	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml

D/E

5L

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· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1866 RESIN SOLUTION (VAPOUR PRESSURE AT 50°C NOT MORE THAN 110 KPA), 3, II, ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information

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

· Directive 2012/18/EU

· Named dangerous substances -

ANNEX I None of the ingredients is listed.

· Seveso category E1 Hazardous to the Aquatic Environment

P5c FLAMMABLE LIQUIDS

· Qualifying quantity (tonnes) for the

application of lower-tier

requirements 100 t

· Qualifying quantity (tonnes) for the

application of upper-tier

requirements 200 t

National regulations avoids

· Information about limitation of use: Employment restrictions concerning young persons must be observed.

· Decree to be applied in case of

technical fault:

Critical quantity values according to the regulations on accidents should be adhered

to.

· Technical instructions (air):

Class	Share in %
Ш	2.6
NK	90.6

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This data is based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases	H225	Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

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.

EUH066 Repeated exposure may cause skin dryness or cracking. EUH205 Contains epoxy constituents. May produce an allergic reaction.

Department issuing data

specification sheet: tesa SE, Corporate Regulatory Affairs

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· Contact:

· Abbreviations and acronyms:

tesa SE, Corporate Regulatory Affairs, Email: SDS@tesa.com, Tel.: +4940-88899-0

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation
ADR: Accord relatif au transport international 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 Harmonised 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 (division of the American Chemical Society) LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Liq. 2: Flammable liquids – Category 2 Flam. Liq. 2. Flammable liquids – Category 2 Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 4: Acute toxicity – Category 4 Skin Irrit. 2: Skin corrosion/irritation – Category 2

Skin Innt. 2. Skin corrosion/inflation – Category 2 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 Skin Sens. 1: Skin sensitisation – Category 1 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2

GB -

^{·*} Data compared to the previous version altered.