

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 17.01.2023

Version number 59 (replaces version 58)

Revision: 07.12.2022

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

- **1.1 Product identifier**
- **Trade name: PROTEGOL UR-Coating 32-55 Comp.B**
- **Article number:** 301664-1
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Polyurethane lacquer
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
TIB Chemicals AG
Muelheimer Str. 16-22
D-68219 Mannheim/Germany
UK Import via:

TIB CHEMICALS UK LTD
Riverside Business Centre
Brighton Road
Shoreham-By-Sea
West Sussex
BN43 6RE
- **Informing department:**
PRODUKTSERVICE
e-mail: Produktservice@tib-chemicals.com
Mo-Fr 9-15 h: Tel.: +49(0)621 8901 710
- **1.4 Emergency telephone number:** 24 h Tel.: +49 (0) 621 / 8901 - 700

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
Acute Tox. 4 H332 Harmful if inhaled.
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.
Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin Sens. 1 H317 May cause an allergic skin reaction.
Carc. 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.
STOT SE 3 H335 May cause respiratory irritation.
STOT RE 2 H373 May cause damage to the respiratory system and the respiratory tract through prolonged or repeated exposure. Route of exposure: Inhalation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms**



GHS07 GHS08

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- **Signal word** Danger
- **Hazard-determining components of labelling:**
4,4'-diphenylmethanediisocyanate, isomere, homologue and mixtures
diphenylmethane-4,4'-di-isocyanate
diphenylmethane-2,4'-diisocyanate
diphenylmethane-2,2'-diisocyanate
- **Hazard statements**
H332 Harmful if inhaled.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer. Route of exposure: Inhalation.
H335 May cause respiratory irritation.
H373 May cause damage to the respiratory system and the respiratory tract through prolonged or repeated exposure. Route of exposure: Inhalation.
- **Precautionary statements**
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Additional information:**
Contains isocyanates. May produce an allergic reaction.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of the substances listed below and harmless substances.

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· Dangerous components:		
CAS: 9016-87-9 EC number: 618-498-9 Index number: 615-005-00-9	4,4'-diphenylmethanediisocyanate, isomere, homologue and mixtures ⚠ Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 Specific concentration limits: Eye Irrit. 2; H319: C ≥ 5 % STOT SE 3; C ≥ 5 % Skin Irrit. 2; H315: C ≥ 5 % Resp. Sens. 1; H334: C ≥ 0.1 %	75-100%
CAS: 101-68-8 EINECS: 202-966-0 Index number: 615-005-00-9	diphenylmethane-4,4'-diisocyanate ⚠ Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 Specific concentration limits: Eye Irrit. 2; H319: C ≥ 5 % Skin Irrit. 2; H315: C ≥ 5 % Resp. Sens. 1; H334: C ≥ 0.1 % STOT SE 3; C ≥ 5 %	10-15%
CAS: 5873-54-1 EINECS: 227-534-9 Index number: 615-005-00-9	diphenylmethane-2,4'-diisocyanate ⚠ Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 Specific concentration limits: Eye Irrit. 2; H319: C ≥ 5 % Skin Irrit. 2; H315: C ≥ 5 % Resp. Sens. 1; H334: C ≥ 0.1 % STOT SE 3; C ≥ 5 %	5-10%
CAS: 2536-05-2 EINECS: 219-799-4 Index number: 615-005-00-9	diphenylmethane-2,2'-diisocyanate ⚠ Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 Specific concentration limits: Eye Irrit. 2; H319: C ≥ 5 % Skin Irrit. 2; H315: C ≥ 5 % Resp. Sens. 1; H334: C ≥ 0.1 % STOT SE 3; C ≥ 5 %	<1%

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· **General information** Remove contaminated clothing.

· **After inhalation**

Supply fresh air and call for doctor for safety reasons.

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

· **After skin contact**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact**

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

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- **After swallowing**
In case of persistent symptoms consult doctor.
Do not induce vomiting; instantly call for medical help.
Rinse out mouth and then drink plenty of water.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
Medical supervision for at least 48 hours

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
Use fire fighting measures that suit the environment.
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Foam
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**
Can be released in case of fire :
- carbon dioxide, carbon monoxide
- Nitrogen oxides (NO_x)
- **5.3 Advice for firefighters**
- **Protective equipment:**
Put on breathing apparatus.
Wear full protective suit.
- **Additional information** Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Bring persons out of danger.
Wear protective clothing.
- **6.2 Environmental precautions:** Do not allow to enter the ground/soil.
- **6.3 Methods and material for containment and cleaning up:**
Ensure adequate ventilation.
Dispose of the material collected according to regulations.
- **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.

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:** No special measures required.

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- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
 - Store container in a well ventilated position.
 - Store in cool, dry conditions in well sealed containers.
 - Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with limit values that require monitoring at the workplace:

9016-87-9 4,4'-diphenylmethanediisocyanate, isomere, homologue and mixtures

WEL (Great Britain)	Short-term value: 0.07 mg/m ³ Long-term value: 0.02 mg/m ³ Sen; as -NCO
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101-68-8 diphenylmethane-4,4'-di-isocyanate

WEL (Great Britain)	Short-term value: 0.07 mg/m ³ Long-term value: 0.02 mg/m ³ Sen; as -NCO
---------------------	---

5873-54-1 diphenylmethane-2,4'-diisocyanate

WEL (Great Britain)	Short-term value: 0.07 mg/m ³ Long-term value: 0.02 mg/m ³ Sen; as -NCO
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2536-05-2 diphenylmethane-2,2'-diisocyanate

WEL (Great Britain)	Short-term value: 0.07 mg/m ³ Long-term value: 0.02 mg/m ³ Sen; as -NCO
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DNELs

101-68-8 diphenylmethane-4,4'-di-isocyanate

Oral	Consumer: acute systemic effects	20 mg/kg bw/d (human (calculated))
Dermal	Consumer: acute local effects	17.2 mg/cm ² (human (calculated))
	Consumer: acute systemic effects	25 mg/kg bw/d (human (calculated))
Inhalative	Worker: acute local effect	28.7 mg/cm ² (human (calculated))
	Worker: acute systemic effects	50 mg/kg bw/d (human (calculated))
	Consumer: long-term local effects	0.025 mg/m ³ (human (calculated))
	Consumer: long-term systemic effects	0.025 mg/m ³ (human (calculated))
	Consumer: acute local effects	0.05 mg/m ³ (human (calculated))
	Consumer: acute systemic effects	0.05 mg/m ³ (human (calculated))
Worker: long-term local effects	Worker: long-term local effects	0.05 mg/m ³ (human (calculated))
	Worker: long-term systemic effects	0.05 mg/m ³ (human (calculated))
	Worker: acute systemic effects	0.1 mg/m ³ (human (calculated))

5873-54-1 diphenylmethane-2,4'-diisocyanate

Oral	Consumer: acute systemic effects	20 mg/kg bw/d (human (calculated))
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Dermal	Consumer: acute local effects	17.2 mg/cm ² (human (calculated))
	Consumer: acute systemic effects	25 mg/kg bw/d (human (calculated))
	Worker: acute local effect	28.7 mg/cm ² (human (calculated))
	Worker: acute systemic effects	50 mg/kg bw/d (human (calculated))
Inhalative	Consumer: long-term local effects	0.025 mg/m ³ (human (calculated))
	Consumer: long-term systemic effects	0.025 mg/m ³ (human (calculated))
	Consumer: acute local effects	0.05 mg/m ³ (human (calculated))
	Consumer: acute systemic effects	0.05 mg/m ³ (human (calculated))
	Worker: long-term local effects	0.05 mg/m ³ (human (calculated))
	Worker: long-term systemic effects	0.05 mg/m ³ (human (calculated))
	Worker: acute local effect	0.1 mg/m ³ (human (calculated))
	Worker: acute systemic effects	0.1 mg/m ³ (human (calculated))

· PNECs
101-68-8 diphenylmethane-4,4'-di-isocyanate

Freshwater ecosystem: Freshwater organisms	1,000 µg/l (Freshwater organisms)
Marine ecosystem: Marine water organisms	100 µg/l (Marine water organisms)
Sewage treatment plant (STP): Microorganisms	1 mg/l (Microorganisms)
Terrestrial ecosystem: Agricultural soil organisms	1 mg/kg soil dw (Agricultural soil organisms)

· Ingredients with biological limit values:
101-68-8 diphenylmethane-4,4'-di-isocyanate

BMGV (Great Britain)	1 µmol creatinine/mol Medium: urine Sampling time: At the end of the period od exposure Parameter: isocyanate-derived diamine
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5873-54-1 diphenylmethane-2,4'-diisocyanate

BMGV (Great Britain)	1 µmol creatinine/mol Medium: urine Sampling time: At the end of the period od exposure Parameter: isocyanate-derived diamine
----------------------	--

2536-05-2 diphenylmethane-2,2'-diisocyanate

BMGV (Great Britain)	1 µmol creatinine/mol Medium: urine Sampling time: At the end of the period od exposure Parameter: isocyanate-derived diamine
----------------------	--

· 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**
 - Keep away from foodstuffs, beverages and food.
 - Take off immediately all contaminated clothing
 - Wash hands during breaks and at the end of the work.
 - Avoid contact with the eyes and skin.
- **Breathing equipment:**
 - Breathing protection recommended.
 - Use breathing protection when aerosol or mist is formed.
 - If vapours/aerosols develop:

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- Self-contained breathing apparatus.
- **Hand protection**
Protective gloves.
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**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye/face protection** Tightly sealed safety glasses.
- **Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

- | | |
|---|------------------------|
| · Colour: | Brown |
| · Odour: | earthy, musty |
| · Melting point/freezing point: | Not determined |
| · Boiling point or initial boiling point and boiling range | >300 °C |
| · Flash point: | 220 °C |
| · Ignition temperature: | >500 °C |
| | >500 °C |
| · pH | Not determined. |
| · Viscosity: | |
| · Kinematic viscosity | Not determined. |
| · Surface tension: | |
| · dynamic at 20 °C: | 115 mPas |
| · dynamisch [20°C]: | |
| · Solubility | |
| · Water: | Not determined. |
| · Vapour pressure at 20 °C: | 11 hPa |
| | 11 hPa |
| · Density and/or relative density | |
| · Density at 20 °C: | 1.23 g/cm ³ |

· 9.2 Other information

- **Appearance:**
- **Form:** Fluid
- **Important information on protection of health and environment, and on safety.**
- **Self-inflammability:** Product is not selfigniting.
- **Explosive properties:** Product is not explosive.

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- **solids content:**
- **Solids content:** 3.0 %

- **Information with regard to physical hazard classes**
- **Explosives** Void
- **Flammable gases** Void
- **Aerosols** Void
- **Oxidising gases** Void
- **Gases under pressure** Void
- **Flammable liquids** Void
- **Flammable solids** Void
- **Self-reactive substances and mixtures** Void
- **Pyrophoric liquids** Void
- **Pyrophoric solids** Void
- **Self-heating substances and mixtures** Void
- **Substances and mixtures, which emit flammable 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**
Reacts with alcohols
Reacts with water and acids
May produce violent reactions with bases and numerous organic substances including alcohols and amines
Exothermic reaction
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** acid
- **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**
Harmful if inhaled.

- **LD/LC50 values that are relevant for classification:**

Oral	LD50	>15,000 mg/kg (rat)
Inhalative	LC50/4 h	390 mg/l (rat)

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9016-87-9 4,4'-diphenylmethanediisocyanate, isomere, homologue and mixtures

Oral	LD50	>15,000 mg/kg (rat)
Dermal	LD50	>9,400 mg/kg (rabbit) (Acute Dermal Toxicity)
Inhalative	LC50/4 h	0.31 mg/l (rat) (Acute Inhalation Toxicity)

101-68-8 diphenylmethane-4,4'-di-isocyanate

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	0.49 mg/l (rat)

5873-54-1 diphenylmethane-2,4'-diisocyanate

Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>9,400 mg/kg (rabbit)
Inhalative	LC50/4 h	0.387 mg/l (rat)

- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation**
Causes serious eye irritation.
- **Respiratory or skin sensitisation**
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity**
Suspected of causing cancer. Route of exposure: Inhalation.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**
May cause respiratory irritation.
- **STOT-repeated exposure**
May cause damage to the respiratory system and the respiratory tract through prolonged or repeated exposure. Route of exposure: Inhalation.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

9016-87-9 4,4'-diphenylmethanediisocyanate, isomere, homologue and mixtures

EC50/24 h	>1,000 mg/l (Daphnia magna (water flea)) (Daphnia sp. Acute Immobilisation Test)
LC50/96 h	>1,000 mg/l (Danio rerio (zebrafish)) (Fish, Acute Toxicity Test)
EC50/3 h	>100 mg/l (activated sludge) (Activated Sludge, Respiration Inhibition Test)

101-68-8 diphenylmethane-4,4'-di-isocyanate

EC50/48 h	>1,000 mg/l (Daphnia magna (water flea))
LC50/96 h	>1,000 mg/l (Brachydanio rerio (zebrafish))

5873-54-1 diphenylmethane-2,4'-diisocyanate

NOEC/21d	>10 mg/l (Daphnia magna (water flea)) (Daphnia sp. Acute Immobilisation Test)
EC50/24 h	>1,000 mg/l (Daphnia magna (water flea)) (Daphnia sp. Acute Immobilisation Test)

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LC50/96 h	>1,000 mg/l (Danio rerio (zebrafish)) (Fish, Acute Toxicity Test)
EC50/3 h	>100 mg/l (activated sludge) (Activated Sludge, Respiration Inhibition Test)

· Terrestrial toxicity:
5873-54-1 diphenylmethane-2,4'-diisocyanate

NOEC	>1,000 mg/kg soil dw (Avena sativa (Hafer)) (Terrestrial Plant Test: Seedling Emergence) Time of exposure 14 days
	>1,000 mg/kg soil dw (Eisenia fetida (Regenwürmer)) (OECD 207) Time of exposure 14 days
	>1,000 mg/kg soil dw (Lactuca sativa (Kopfsalat)) (Terrestrial Plant Test: Seedling Emergence) Time of exposure 14 days

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Must be specially treated under adherence to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|---|------|
| · 14.1 UN number or ID number
· ADR, ADN, IMDG, IATA | Void |
| · 14.2 UN proper shipping name
· ADR, ADN, IMDG, IATA | Void |
| · 14.3 Transport hazard class(es)
· ADR, ADN, IMDG, IATA
· Class | Void |
| · 14.4 Packing group
· ADR, IMDG, IATA | Void |
| · 14.5 Environmental hazards:
· Marine pollutant: | No |

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· 14.6 Special precautions for user	Not applicable.
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

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.
- **National regulations**
- **Decree to be applied in case of technical fault:**

Class	Share in %
I	100.0

- **Water hazard class:**
Water hazard class 1 (German Regulation) (Self-classification) : slightly hazardous for water
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

The information contained herein is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H332 Harmful if inhaled.
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H335 May cause respiratory irritation.
 H351 Suspected of causing cancer.
 H373 May cause damage to organs through prolonged or repeated exposure.
 EUH204 Contains isocyanates. May produce an allergic reaction.

- **Abbreviations and acronyms:**

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)
 DNEL: Derived No-Effect Level (UK REACH)

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PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Resp. Sens. 1: Respiratory sensitisation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Carc. 2: Carcinogenicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

* **Data compared to the previous version altered.**

GB