



Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.03.2015

Version number 3

Revision: 10.03.2015

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

- 1.1 Product identifier
- Trade name: **KRISTAL UHS Clear Coat 93 2:1 eXcellent**
- Article number: 9310
- 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 Lacquer
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
Kristal Coatings B.V.
Platinawerf 22B
6641 TL Beuningen - Holland
Tel: 0031 24 67 526 36
Fax: 0031 24 67 533 60
- Further information obtainable from: Product safety department: info@kristalcoatings.nl
- 1.4 Emergency telephone number:
National Poisoning Information Centre - Bilthoven - The Netherlands
T +31 (0)30 274 88 88
Restricted to physicians for information on ingredients.

SECTION 2: Hazards identification

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



GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.
 Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xi; Irritant

R37: Irritating to respiratory system.



Xi; Sensitising

R43: May cause sensitisation by skin contact.

R10-52/53-66-67: Flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

- Information concerning particular hazards for human and environment:
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.
- Classification system:
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.

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· Hazard pictograms



GHS02

GHS07

· Signal word Warning

· Hazard-determining components of labelling:

Mix of: Reaction mass of Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5--(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy- and Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]-bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate methyl 1,2,2,6,6-pentamethyl-4-piperidylsebacate

· Hazard statements

H226 Flammable liquid and vapour.
 H319 Causes serious eye irritation.
 H317 May cause an allergic skin reaction.
 H412 Harmful to aquatic life with long lasting effects.

· Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P260 Do not breathe the mist/vapours/spray.
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/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.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.
 Restricted to professional users.

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· PBT: Not applicable.
 · vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

CAS: 123-86-4	n-butyl acetate	10-25%
EINECS: 204-658-1	R10-66-67	
Reg.nr.: 01-2119485493-29	⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336	
CAS: 108-10-1	4-methylpentan-2-one	10-25%
EINECS: 203-550-1	⚠ Xn R20; ⚠ Xi R36/37; ⚠ F R11	
Reg.nr.: 01-2119473980-30	R66 ⚠ Flam. Liq. 2, H225; ⚠ Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H335	
CAS: 64742-95-6	Solvent naphtha (petroleum), light arom.	10-25%
EINECS: 265-199-0	⚠ Xn R65; ⚠ Xi R37; ⚠ N R51/53	
Reg.nr.: 01-2119455851-35	R10-66-67 ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H332; STOT SE 3, H335-H336	

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CAS: 110-43-0 EINECS: 203-767-1	heptan-2-one Xn R20/22 R10-67 Flam. Liq. 3, H226; Acute Tox. 4, H302; Acute Tox. 4, H332; STOT SE 3, H336	2,5-10%
ELINCS: 400-830-7	Mix of: Reaction mass of Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy- and Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]- Xi R43; N R51/53 Aquatic Chronic 2, H411; Skin Sens. 1, H317	0,5-2,5%
CAS: 41556-26-7 EINECS: 255-437-1 Reg.nr.: 01-2119491304-40	bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate Xi R43; N R50/53 Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317	0,5-2,5%
CAS: 82919-37-7 EINECS: 280-060-4	methyl 1,2,2,6,6-pentamethyl-4-piperidylsebacate Xi R43; N R50/53 Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317	≤ 0,5%
CAS: 64742-95-6 EINECS: 265-199-0	Solvent naphtha (petroleum), light aromatic Xn R65; Xi R37; N R51/53 R10-66-67 Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Acute Tox. 4, H332; STOT SE 3, H335-H336	≤ 0,5%

Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

- 4.1 Description of first aid measures
 - General information: Immediately remove any clothing soiled by the product.
 - After inhalation:
 - Supply fresh air and to be sure call for a doctor.
 - In case of unconsciousness place patient stably in side position for transportation.
 - 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. Then consult a doctor.
 - Remove contactlenses.
 - After swallowing:
 - Do not induce vomiting; call for medical help immediately.
 - 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
 - No further relevant information available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
 - Suitable extinguishing agents: CO₂ or powder. Fight larger fights with alcohol resistant foam.
 - For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture Carbon monoxide (CO)
- 5.3 Advice for firefighters
 - Protective equipment: Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
 - Wear protective equipment. Keep unprotected persons away.
- 6.2 Environmental precautions:
 - Inform respective authorities in case of seepage into water course or sewage system.
 - Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up:
 - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

· **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 disposal information.

SECTION 7: Handling and storage
· **7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

· **7.2 Conditions for safe storage, including any incompatibilities**· **Storage:**· **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.· **Information about storage in one common storage facility:** Store away from oxidising agents.· **Further information about storage conditions:** Keep container tightly sealed.· **Storage class:** 3· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection
· **Additional information about design of technical facilities:** No further data; see item 7.· **8.1 Control parameters**· **Ingredients with limit values that require monitoring at the workplace:****108-10-1 4-methylpentan-2-one**IOELV Short-term value: 208 mg/m³, 50 ppmLong-term value: 83 mg/m³, 20 ppm**110-43-0 heptan-2-one**IOELV Short-term value: 475 mg/m³, 100 ppmLong-term value: 238 mg/m³, 50 ppm

Skin

· **DNELs****123-86-4 n-butyl acetate**Inhalative Acute - short-term exposure - local effects 960 mg/m³ (worker)Acute - short-term exposure - systemic effects 960 mg/m³ (worker)Long-term exposure - local effects 480 mg/m³ (worker)Long-term exposure - systemic effects 480 mg/m³ (worker)**108-10-1 4-methylpentan-2-one**

Dermal Long-term exposure - systemic effects 11,8 mg/kg bw/day (worker)

Inhalative Acute - short-term exposure - local effects 208 mg/m³ (worker)Acute - short-term exposure - systemic effects 208 mg/m³ (worker)Long-term exposure - local effects 83 mg/m³ (worker)Long-term exposure - systemic effects 83 mg/m³ (worker)**110-43-0 heptan-2-one**

Dermal Long-term exposure - systemic effects 54,27 mg/kg bw/day (worker)

Inhalative Acute - short-term exposure - systemic effects 1516 mg/m³ (worker)Long-term exposure - systemic effects 394,25 mg/m³ (worker)· **PNECs****123-86-4 n-butyl acetate**

PNEC 35,6 mg/l (STP)

0,18 mg/l (aqua, freshwater)

0,36 mg/l (aqua, intermittent releases)

0,018 mg/l (aqua, marine water)

0,0981 mg/l (sediment marine water)

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0,981 mg/kg (sediment freshwater)

108-10-1 4-methylpentan-2-one

PNEC 27,5 mg/l (STP)

0,6 mg/l (aqua, freshwater)

1,5 mg/l (aqua, intermittent releases)

0,06 mg/l (aqua, marine water)

0,83 mg/kg (sediment marine water)

8,27 mg/kg (sediment freshwater)

110-43-0 heptan-2-one

PNEC 12,5 mg/l (STP)

0,0982 mg/l (aqua, freshwater)

0,982 mg/l (aqua, intermittent releases)

0,00982 mg/l (aqua, marine water)

0,189 mg/kg (sediment marine water)

1,89 mg/kg (sediment freshwater)

0,321 mg/kg (soil)

· **Additional information:** The lists valid during the making were used as basis.· **8.2 Exposure controls**· **Personal protective equipment:**· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A.

· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Butyl rubber, BR

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**Thickness of the gloves \geq 0.3 mm (butylacetate)Value for the permeation: Level \geq 60 min (butylacetate)

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Tightly sealed goggles

· **Body protection:** Solvent resistant protective clothing

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**· **General Information**· **Appearance:**

Form:

Fluid

Colour:

Clear

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- Odour: Characteristic
 - Change in condition
Boiling point/Boiling range: 116 °C
 - Flash point: 23 °C
 - Ignition temperature: 370 °C
 - Self-igniting: Product is not selfigniting.
 - Danger of explosion: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
 - Explosion limits:
Lower: 0,7 Vol %
Upper: 9,0 Vol %
 - Vapour pressure at 20 °C: 10,7 hPa
 - Density at 20 °C: 0,98 g/cm³
 - Solubility in / Miscibility with water: Insoluble.
 - Viscosity:
Kinematic at 20 °C: 43 s (DIN 53211/4)
 - Solvent content:
Organic solvents: 42,6 %
VOC (EC) 42,62 %
Solids content: 57,3 %
 - 9.2 Other information No further relevant information available.
-

SECTION 10: Stability and reactivity

- 10.1 Reactivity
 - 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 strong oxidising agents.
 - 10.4 Conditions to avoid High temperatures.
 - 10.5 Incompatible materials: Oxidizing agents.
 - 10.6 Hazardous decomposition products: No dangerous decomposition products known.
-

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity:
- LD/LC50 values relevant for classification:

123-86-4 n-butyl acetate

Oral LD50 10760 mg/kg (rat) (OECD 423)
 Dermal LD50 >14112 mg/kg (rabbit) (OECD 402)
 Inhalative LC50/4h 23,4 mg/l (rat) (OECD 403 in vivo, aerosol)

108-10-1 4-methylpentan-2-one

Oral LD50 2080 mg/kg (rat)
 Dermal LD50 >2000 mg/kg (rabbit)
 Inhalative LC50/4h 8,2-16,4 mg/l (rat)

64742-95-6 Solvent naphtha (petroleum), light arom.

Oral LD50 >6800 mg/kg (rat)
 Dermal LD50 >3400 mg/kg (rab)
 Inhalative LC50/4h >10,2 mg/l (rat)

110-43-0 heptan-2-one

Oral LD50 1670 mg/kg (rat)

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Dermal LD50 12600 mg/kg (rabbit)

Mix of: Reaction mass of Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy- and Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]-

Oral LD50 >5000 mg/kg (rat) (OESO 401)

Dermal LD50 >2000 ml/kg (rat) (OESO 402)

64742-95-6 Solvent naphtha (petroleum), light aromatic

Oral LD50 >6800 mg/kg (rat)

Dermal LD50 >3400 mg/kg (rab)

Inhalative LC50/4h >10,2 mg/l (rat)

· **Primary irritant effect:**

· on the skin: No irritant effect.

· on the eye: No irritating effect.

· **Sensitisation:** Sensitisation possible through skin contact.· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

SECTION 12: Ecological information· **12.1 Toxicity**· **Aquatic toxicity:****123-86-4 n-butyl acetate**

EC50/48h 44 mg/l (daphnia magna)

EC50/72h 647,7 mg/l (desmodesmus supspicatus)

IC50 356 mg/l (tetrahymena pyriformis) (40 h)

LC50/96h 18 mg/l (pimphales promelas) (OECD 203)

NOAEL/72h 200 mg/l (desmodesmus supspicatus)

108-10-1 4-methylpentan-2-one

EC50/48h >200 mg/l (daphnia magna)

EC50/96h 400 mg/l (algae)

LC50/96h >179 mg/l (fish)

Mix of: Reaction mass of Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy- and Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]-

EC50/48h 4,0 mg/l (daphnia magna) (OESO 202)

EC50/72h >9 mg/l (algae)

LC50/14d >5800 mg/kg (rat) (OESO 403)

LC50/96h 2,8 mg/l (oncorhynchus mykiss) (OESO 203)

· **12.2 Persistence and degradability** No further relevant information available.· **Degree of elimination:****123-86-4 n-butyl acetate**

OECD 301D 83 % (l) (28 d)

· **12.3 Bioaccumulative potential** No further relevant information available.· **12.4 Mobility in soil** No further relevant information available.· **Ecotoxicological effects:**· **Remark:** Harmful to fish· **Additional ecological information:**· **General notes:**

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

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

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

· PBT: Not applicable.

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- vPvB: Not applicable.
- 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
- Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- European waste catalogue
08 01 11* waste paint and varnish containing organic solvents or other dangerous substances
- Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

- 14.1 UN-Number
ADR,ADN, IMDG, IATA UN1263
- 14.2 UN proper shipping name
ADR/ADN 1263 PAINT
- IMDG, IATA PAINT
- 14.3 Transport hazard class(es)
ADR,ADN, IMDG, IATA



- Class 3 Flammable liquids.
- Label 3
- 14.4 Packing group
ADR,ADN, IMDG, IATA III
- 14.5 Environmental hazards:
Marine pollutant: No
- 14.6 Special precautions for user
Warning: Flammable liquids.
- Danger code (Kemler): 30
- EMS Number: F-E,S-E
- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

Transport/Additional information:

- ADR/ADN
- Limited quantities (LQ) 5L
- Excepted quantities (EQ) Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml
- Transport category 3
- Tunnel restriction code D/E

- IMDG
- Limited quantities (LQ) 5L
- Excepted quantities (EQ) Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml
- UN "Model Regulation": UN1263, PAINT, 3, III

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SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations:
- Other regulations, limitations and prohibitive regulations
The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information 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

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- 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.
- R10 Flammable.
- R11 Highly flammable.
- R20 Harmful by inhalation.
- R20/22 Harmful by inhalation and if swallowed.
- R36/37 Irritating to eyes and respiratory system.
- R37 Irritating to respiratory system.
- R43 May cause sensitisation by skin contact.
- R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

· Contact: Dhr. B. Peters

· 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 européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally 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)
- VOC: Volatile Organic Compounds (USA, EU)
- DNEL: Derived No-Effect Level (REACH)
- PNEC: Predicted No-Effect Concentration (REACH)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- Flam. Liq. 2: Flammable liquids, Hazard Category 2
- Flam. Liq. 3: Flammable liquids, Hazard Category 3
- Acute Tox. 4: Acute toxicity, Hazard Category 4
- Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
- Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
- STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
- Asp. Tox. 1: Aspiration hazard, Hazard Category 1
- Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1
- Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1
- Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2
- Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3