



Optima 2K Clearcoat 500ml Material Safety Data Sheet

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

1.1 Product identifier

Trade name Optima 2K Clearcoat

Article number OPT.AWPCLEAR-500A

1.2 Relevant identified uses of the substance or mixture and uses advised against

Application of the substance/the mixture
Clear coating material, Varnish

1.3 Details of the supplier of the safety data sheet

Company name Optima Products,
Newberry House
Michigan Drive
Tongwell
Milton Keynes
Buckinghamshire
MK15 8HQ

Tel 01908 611117

Fax 01634 813807

Email Optimaproducts@LKQCoatings.com

SECTION 2: Hazards identification

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



GHS02 flame

Flam. Aerosol 1 H222-H229 Extremely flammable aerosol.
Pressurised container: May burst if heated.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H336 May cause drowsiness or dizziness.

Aquatic Chronic 3 H336 May cause drowsiness or dizziness.

Optima Products, Newberry House, Michigan Drive, Tongwell,
Milton Keynes, Buckinghamshire, MK15 8HQ
Tel: 01908 611117 Email: Optimaproducts@LKQCoatings.com

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



Xn; Harmful

R20/21

Harmful by inhalation and in contact with skin.



Xi; Sensitising

R43

May cause sensitisation by skin contact.



F+; Extremely flammable

R12

Extremely flammable.

R52/53-66

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause

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. Warning! Pressurized container.





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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.

Hazard pictograms



GHS02



GHS07

Signal word Danger

Hazard-determining components of labelling:
aliphatic polycyanate n-butyl acetate

Hazard statements

H222-H229 Extremely flammable aerosol.
Pressurised container: May burst if heated.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P260 Do not breathe spray.

P280 Wear protective gloves.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents / container in accordance with regional regulations.

Additional information

EUH066 Repeated exposure may cause skin dryness or cracking. Contains isocyanates. May produce an allergic reaction. Buildup of explosive mixtures possible without sufficient ventilation.

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 characterization: Mixtures

Description Mixture of substances listed below with nonhazardous additions.





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Dangerous components:

CAS: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 Reg.nr.: 01-2119472128-37	dimethyl ether F+ R12	25-<50%
	Flam. Gas 1, H220; Press. Gas, H280	
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29	n-butyl acetate R10-66-67	20-<25%
	Flam. Liq. 3, H226; STOT SE 3, H336	
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32	xylene, mixture of isomers Xn R20/21; Xi R38 R10	12.5-<20%
	Flam. Liq. 3, H226; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	
CAS: 28182-81-2 Reg.nr.: 01-2119485796-17	aliphatic polycyanate Xn R20; Xi R37; Xi R43	2.5-<5.0%
	Acute Tox. 4, H332; Skin Sens. 1, H317; STOT SE 3, H335	
CAS: 100-41-4 EINECS: 202-849-4 Index number: 601-023-00-4 Reg.nr.: 01-2119489370-35	ethylbenzene Xn R20-48/20-65; F R11	25-<50%
	Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332; Aquatic Chronic 3, H412	
CAS: 110-12-3 EINECS: 203-737-8 Index number: 606-026-00-4	5-methylhexan-2-one Xn R20 R10	<2.5%
	Flam. Liq. 3, H226; Acute Tox. 4, H332	





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CAS: 64742-95-6 EINECS: 265-199-0 Index number: 649-356-00-4 Reg.nr.: 01-2119455851-35	Solvent naphtha (petroleum), light arom. ⚠ Xn R65; ⚠ Xi R37; 🌳 N R51/53 R10-66-67	<2.5%
	⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H335-H336	
CAS: 108-10-1 EINECS: 203-550-1 Index number: 606-004-00-4 Reg.nr.: 01-2119473980-30	4-methylpentan-2-one ⚠ Xn R20; ⚠ Xi R36/37; 🔥 FR11 R66	<2.5%
	⚠ Flam. Liq. 2, H225; ⚠ Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H335	
CAS: 95-63-6 EINECS: 202-436-9 Index number: 601-043-00-3	1,2,4-trimethylbenzene ⚠ Xn R20; ⚠ Xi R36/37/38; 🌳 N R51/53 R10.	<2.5%
	⚠ Flam. Liq. 3, H226; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H332, Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	
CAS: 53880-05-0 NLP: 500-125-5	3-isocyanatomethyl- 3, 5, 5-trimethylcyclohexyl isocyanate, oligomers ⚠ Xn R42/43	<1.0%
	⚠ Resp. Sens. 1, H334; ⚠ Skin Sens. 1, H317	
ELINCS: 400-830-7 Index number: 607-176-00-3	Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl) propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene) ⚠ Xi R43; ⚠ N R51/53	≤ 0.5%
	⚠ Aquatic Chronic 2, H411; ⚠ Skin Sens. 1, H317	
CAS: 108-67-8 EINECS: 203-604-4 Index number: 601-025-00-5	mesitylene ⚠ Xi R37; 🌳 N R51/53 R10	<2.5%
	⚠ Flam. Liq. 3, H226; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H335	





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CAS: 103-65-1 EINECS: 203-132-9 Index number: 601-024-00-X	propylbenzene Xn R65; Xi R37; N R51/53 R10	≤ 0.5%
	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H335	
CAS: 61788-93-0 EINECS: 263-020-0	Amines, coco alkyldimethyl C R34; Xn R22; N R50	≤ 0.5%
	Skin Corr. 1B, H314; Aquatic Acute 1, H400; Acute Tox. 4, H302	
CAS: 41556-26-7 EINECS: 255-437-1 Reg.nr.: 01-2119491304-40	Decandicarbonsäure bis(1,2,2,6,6-pentamethyl-4-piperidinyl)ester Xi R43; N R50/53	≤ 0.5%
	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317	
CAS: 97-86-9 EINECS: 202-613-0 Index number: 607-113-00-X	isobutyl methacrylate Xi R36/37/38; Xi R43; N R50 R10	≤ 0.5%
	Flam. Liq. 3, H226; Aquatic Acute 1, H400; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335	

Additional information:

The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex 1 67/548 EU), so the classification as carcinogen need not to apply. For the wording of the listed risk phrases refer to section 16.

After skin contact	Immediately wash with water and soap and rinse thoroughly.
After eye contact	Rinse opened eye for several minutes under running water.
After swallowing	Drink plenty of water and provide fresh air. Call for a doctor immediately.

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 4: First aid measures

4.1 Description of first aid measures

General information	Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
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.





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SECTION 5: Firefighting measures

5.1 Extinguishing media -

Suitable extinguishing agents

CO₂, bluspoeder of waterstraal. Grotere brand met waterstraal of met schuim.

Vaten met water afkoelen For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters -

Protective equipment Mouth 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.

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

6.3 Methods and material for containment and cleaning up:

Do not flush with water or aqueous cleansing agents

Dispose contaminated material as waste according to item 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 disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

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 in a cool location.

Observe official regulations on storing packagings with pressurized containers.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Do not seal receptacle gas tight.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Storage class: 2B

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





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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

115-10-6 dimethyl ether:

WEL Short-term value: 958 mg/m³, 500 ppm
Long-term value: 766 mg/m³, 400 ppm

123-86-4 n-butyl acetate

WEL Short-term value: 966 mg/m³, 200 ppm
Long-term value: 724 mg/m³, 150 ppm

1330-20-7 xylene, mixture of isomers

WEL Short-term value: 441 mg/m³, 100 ppm
Long-term value: 220 mg/m³, 50 ppm
Sk; BMGV

100-41-4 ethylbenzene

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

110-12-3 5-methylhexan-2-one

WEL Short-term value: 475 mg/m³, 100 ppm
Long-term value: 95 mg/m³, 20 ppm
Sk

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

WEL Short-term value: 416 mg/m³, 100 ppm
Long-term value: 208 mg/m³, 50 ppm
Sk, BMGV

95-63-6 1,2,4-trimethylbenzene

WEL Long-term value: 125 mg/m³, 25 ppm
ILV

Ingredients with limit values

1330-20-7 xylene, mixture of isomers

BMGV 650 mmol/mol creatinine
Medium: urine
Sampling time: post shift
Parameter: methyl hippuric acid

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

BMGV 20 µ mol/L
Medium: urine
Sampling time: post shift
Parameter: 4-methylpentan-2-one

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.

Avoid contact with the eyes and skin.

Respiratory protection:

Not necessary if room is well-ventilated.

Otherwise, filter class A / P2 or self contained.

Protection of hands:



Protective gloves





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Solvent resistant gloves

In case of contact with spray dust protective gloves made of butyl should be used (min. 0.4 mm thick), e.g. KCL Camatril, article no. 898 or similar products

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 Natural rubber, NR Butyl rubber, BR

Penetration time of glove material

Butyl rubber gloves with a thickness of 0.4 mm are resistant to: Acetone: 480 min Butyl acetate: 60 min Ethyl acetate: 170 min Xylene: 42 min

Eye protection Safety glasses

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance

Form	Aerosol
Colour	According to product specification
Odour	Characteristic
Odour threshold	Not determined.
pH-value:	Not determined.

Change in condition

Melting point/Melting range

Undetermined.

Boiling point/Boiling range

Not applicable, as aerosol.

Flash point

Not applicable, as aerosol.

Flammability (solid, gaseous)

Not applicable.

Ignition temperature 235 °C

Decomposition temperature

Not determined.

Self-igniting

Product is not self-igniting.

Danger of explosion In use, may form flammable/explosive vapour-air mixture.

Explosion limits

Lower	1.1 Vol %
Upper	18.6 Vol %

Vapour pressure at 20 °C

5200 hPa

Density at 20 °C 0.83 g/cm³

Relative density Not determined.

Vapour density Not determined.

Evaporation rate Not applicable.

Solubility in / Miscibility with water

Not miscible or difficult to mix.

Partition coefficient (n-octanol/water) Not determined.

pH-value Not determined.

Viscosity

Dynamic Not determined.

Kinematic Not determined.

Solvent content

VOC-(EU) 675.7 g/l

VOC-EU% 81.67 %

Solids content 16.3 %

9.2 Other information

No further relevant information available.





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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

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials:

No further relevant information available.

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

1330-20-7 xylene, mixture of isomers

Oral	LD50	8700 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)
Inhalative	LC50/4 h	6350 mg/l (rat)

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

Oral	LD50	3592 mg/kg (rat) (ECD-Prüfrichtlinie 401)
Dermal	LD50	>3160 mg/kg (rab) (OECD-Prüfrichtlinie 402)
Inhalative	LC50/4 h	>10.2 mg/l (rat)

Primary irritant effect On the skin. No irritant effect.

On the eye No irritating effect.

Sensitization Sensitization 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

Harmful
Irritant
Vapours have narcotic effect.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

1330-20-7 xylene, mixture of isomers

EC50 (24h)	>175 mg/l (bacteria)
EC50 / 48h	3.82 mg/l (daphnia magna / Wasserfloh)
EC50/72h	4.7 mg/l (Pseudokirchneriella subcapitata)
LC50/96h	7.6 mg/l (oncorhynchus mykiss / Regenbogenforelle)

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

EC50 / 48h	>100 mg/l (daphnia magna / Wasserfloh)
EC50/96h	19 mg/l (desmidesmus subspicatus / Grünalge) (OECD - Prüfrichtlinie 201)
LC50/96h	>100 mg/l (Regenbogenforelle) (67/548/EWG Annex 5 C.1.)

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

SECTION 12: Ecological information Ecotoxicological effects:

Remark Harmful to fish

Additional ecological information:





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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.

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.

15 01 04 metallic packaging.

Uncleaned packaging

Recommendation Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number

ADR, IMDG, IATA UN1950.

14.2 UN proper shipping name

ADR UN1950 AEROSOLS
IMDG AEROSOLS
IATA AEROSOLS, flammable

14.3 Transport hazard class(es)

ADR  **Class** 2.SF Gases
Label 2.1

IMDG, IATA  **Class** 2.1
Label 2.1

14.4 Packing group

ADR, IMDG, IATA Void

14.5 Environmental hazards:

Marine pollutant No

14.6 Special precautions for user Warning: Gases.

Danger code (Kemler) -

EMS Number F-D,S-U

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

Transport/Additional information

ADR

Limited quantities (LQ) 1L
Excepted quantities (EQ) Code:EO
 Not permitted as Excepted Quantity

Transport category 2

Tunnel restriction code D

IMDG

Limited quantities (LQ) 1L
Excepted quantities (EQ) Code: E0
 Not permitted as Excepted Quantity

UN "Model Regulation" UN1950, AEROSOLS, 2.1





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SECTION 16: Other information

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

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

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

H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
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.
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.
H412	Harmful to aquatic life with long lasting effects.
R10	Flammable.
R11	Highly flammable.
R12	Extremely flammable.
R20	Harmful by inhalation.
R20/21	Harmful by inhalation and in contact with skin.
R22	Harmful if swallowed.
R34	Causes burns.
R36/37	Irritating to eyes and respiratory system.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R42/43	May cause sensitisation by inhalation and skin contact.
R43	May cause sensitisation by skin contact.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50	Very toxic to aquatic organisms.
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 Anwendungstechnik





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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 Organization
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 Harmonized 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)
LC50	Lethal concentration, 50 percent
LD50	Lethal dose, 50 percent
Flam. Gas 1	Flammable gases, Hazard Category 1
Flam. Aerosol 1	Flammable aerosols, Hazard Category 1 Press. Gas: Gases under pressure: Compressed gas
Flam. Liq. 2	Flammable liquids, Hazard Category 2
Flam. Liq. 3	Flammable liquids, Hazard Category 3
Acute Tox. 4	Acute toxicity, Hazard Category 4

Skin Corr. 1B	Skin corrosion/irritation, Hazard Category 1B Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Hazard Category 2
Resp. Sens. 1	Sensitisation - Respirat., Hazard Category 1
Skin Sens. 1	Sensitisation - Skin, Hazard Category 1
STOT SE 3	Specific target organ toxicity - Single exposure, Hazard Category 3
STOT RE 2	Specific target organ toxicity - Repeated exposure, Hazard Category 2
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

