

## UC42

Version number: 9.0  
Replaces version of: 2017-04-14 (8.0)

Revision: 2017-07-11  
First version: 2014-07-02

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

## 1.1 Product identifier

Trade name	<u>UC42 Universal Cleaner</u>
Registration number (REACH)	not relevant (mixture)
CAS number	not relevant (mixture)

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

Relevant identified uses	Consumer use (private households) Cleaning of stainless steel, plastic, glas, ceramin etc.
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## 1.3 Details of the supplier of the safety data sheet

Duralloy  
PO Box 19,  
Campbelltown NSW 2560 Australia

Phone: # 1300369456

e-mail (competent person) sales@duralloy.net.au

## 1.4 Emergency telephone number

As above or next toxicological information centre.

## SECTION 2: Hazards identification

## 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Classification acc. to GHS				
Section	Hazard class	Category	Hazard class and category	Hazard statement
3.3	serious eye damage/eye irritation	2	Eye Irrit. 2	H319
4.1C	hazardous to the aquatic environment - chronic hazard	3	Aquatic Chronic 3	H412

for full text of abbreviations: see SECTION 16

## The most important adverse physicochemical, human health and environmental effects

Spillage and fire water can cause pollution of watercourses.

## 2.2 Label elements

### Labelling according to Regulation (EC) No 1272/2008 (CLP)

**Signal word** warning

### Pictograms

**GHS07**



### Hazard statements

**H319** Causes serious eye irritation.

**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.

**P103** Read label before use.

**P273** Avoid release to the environment.

**P280** Wear protective gloves/eye protection.

**P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P337+P313** If eye irritation persists: Get medical advice/attention.

### Supplemental hazard information

**EUH208** Contains D-limonene. May produce an allergic reaction.

**Hazardous ingredients for labelling** isotridecanol, ethoxylated, D-limonene

## 2.3 Other hazards

Special danger of slipping by leaking/spilling product.

### Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

## SECTION 3: Composition/information on ingredients

## 3.1 Substances


not relevant (mixture)

## 3.2 Mixtures

## Description of the mixture

Hazardous ingredients acc. to GHS					
Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms	M-Factors
phosphoric acid	CAS No 7664-38-2  EC No 231-633-2  REACH Reg. No 01-2119485924- 24-xxxx	5 – < 10	Met. Corr. 1 / H290 Acute Tox. 4 / H302 Skin Corr. 1B / H314 Eye Dam. 1 / H318		
kieselguhr, soda ash flux-calcined	CAS No 68855-54-9  EC No 272-489-0	5 – < 10	STOT RE 2 / H373		
propan-2-ol	CAS No 67-63-0  EC No 200-661-7  REACH Reg. No 01-2119457558- 25-xxxx	1 – < 5	Flam. Liq. 2 / H225 Eye Irrit. 2 / H319 STOT SE 3 / H336		
Citric acid, mono-hydrate	CAS No 5949-29-1  EC No 201-069-1  REACH Reg. No 01-2119457026- 42-xxxx	1 – < 5	Eye Irrit. 2 / H319		
Alkohol C13-iso, ethoxyliert	CAS No 9043-30-5	1 – < 5	Acute Tox. 4 / H302 Eye Dam. 1 / H318		

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Hazardous ingredients acc. to GHS					
Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms	M-Factors
D-limonene	CAS No 5989-27-5  EC No 227-813-5  Index No 601-029-00-7	< 1	Flam. Liq. 3 / H226 Skin Irrit. 2 / H315 Skin Sens. 1 / H317 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410		

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General notes

Take off immediately all contaminated clothing.  
In all cases of doubt, or when symptoms persist, seek medical advice.

##### Following inhalation

Provide fresh air.  
If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions.

##### Following skin contact

Rinse skin with water/shower.

##### Following eye contact

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Remove contact lenses, if present and easy to do. Continue rinsing.

##### Following ingestion

Rinse mouth immediately and drink plenty of water.  
Do NOT induce vomiting.  
Get medical advice/attention if you feel unwell.

##### Notes for the doctor

none

#### 4.2 Most important symptoms and effects, both acute and delayed

These information are not available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

none

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

water spray, alcohol resistant foam, fire extinguishing powder, carbon dioxide (CO<sub>2</sub>)

#### Unsuitable extinguishing media

water jet

### 5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products: Section 10.

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

Co-ordinate firefighting measures to the fire surroundings.

Do not allow firefighting water to enter drains or water courses.

Collect contaminated firefighting water separately.

Fight fire with normal precautions from a reasonable distance.

#### Special protective equipment for firefighters

use suitable breathing apparatus

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Remove persons to safety.

Ventilate affected area.

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

#### For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

### 6.2 Environmental precautions

Keep away from drains, surface and ground water.

Retain contaminated washing water and dispose of it.

If substance has entered a water course or sewer, inform the responsible authority.

### 6.3 Methods and material for containment and cleaning up

#### Advices on how to clean up a spill

Collect spillage.

Absorbent material (e.g. sand, diatomaceous earth, acid binder, universal binder, sawdust, etc.).

## **Appropriate containment techniques**

Use of adsorbent materials.

## **Other information relating to spills and releases**

Place in appropriate containers for disposal.

Ventilate affected area.

## **6.4 Reference to other sections**

Personal protective equipment: see section 8.

Incompatible materials: see section 10.

Disposal considerations: see section 13.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

#### **Measures to prevent fire as well as aerosol and dust generation**

Use local and general ventilation.

#### **Specific notes/details**

None.

#### **Measures to protect the environment**

Avoid release to the environment.

#### **Advice on general occupational hygiene**

Do not eat, drink and smoke in work areas.

Wash hands after use.

Preventive skin protection (barrier creams/ointments) is recommended.

Remove contaminated clothing and protective equipment before entering eating areas.

### **7.2 Conditions for safe storage, including any incompatibilities**

#### **Flammability hazards**

None.

#### **Incompatible substances or mixtures**

Incompatible materials: see section 10.

#### **Protect against external exposure, such as**

frost

#### **Consideration of other advice**

Keep away from food, drink and animal feedingstuffs.

Keep locked up and out of the reach of children.

#### **Ventilation requirements**

Provision of sufficient ventilation.

**Packaging compatibilities**

Keep only in original container.

**7.3 Specific end use(s)**

No information available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

<b>Occupational exposure limit values (Workplace Exposure Limits)</b>									
Country	Name of agent	CAS No	Notation	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Source
EU	orthophosphoric acid (phosphoric acid)	7664-38-2		IOELV		1		2	2000/39/EC
GB	cycloalkanes (>C7)	5989-27-5		WEL		800			EH40/2005
GB	propan-2-ol	67-63-0		WEL	400	999	500	1,250	EH40/2005
GB	orthophosphoric acid	7664-38-2		WEL		1		2	EH40/2005

**Notation**

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average

<b>Relevant DNELs of components of the mixture</b>						
Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
phosphoric acid	7664-38-2	DNEL	10.7 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
kieselguhr, soda ash flux-calcined	68855-54-9	DNEL	0.33 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
propan-2-ol	67-63-0	DNEL	500 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
propan-2-ol	67-63-0	DNEL	888 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
D-limonene	5989-27-5	DNEL	33.3 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects

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Relevant PNECs of components of the mixture				
Name of substance	CAS No	Endpoint	Threshold level	Environmental compartment
propan-2-ol	67-63-0	PNEC	160 mg/kg	water
propan-2-ol	67-63-0	PNEC	140.9 mg/l	water
propan-2-ol	67-63-0	PNEC	140.9 mg/l	marine water
propan-2-ol	67-63-0	PNEC	2,251 mg/l	sewage treatment plant (STP)
propan-2-ol	67-63-0	PNEC	552 mg/kg	freshwater sediment
propan-2-ol	67-63-0	PNEC	552 mg/kg	marine sediment
propan-2-ol	67-63-0	PNEC	140.9 mg/l	freshwater
propan-2-ol	67-63-0	PNEC	28 mg/kg	soil
Citric acid, monohydrate	5949-29-1	PNEC	0.44 mg/l	freshwater
Citric acid, monohydrate	5949-29-1	PNEC	0.044 mg/l	marine water
Citric acid, monohydrate	5949-29-1	PNEC	1,000 mg/l	sewage treatment plant (STP)
Citric acid, monohydrate	5949-29-1	PNEC	34.6 mg/kg	freshwater sediment
Citric acid, monohydrate	5949-29-1	PNEC	3.46 mg/kg	marine sediment
Citric acid, monohydrate	5949-29-1	PNEC	33.1 mg/kg	soil
D-limonene	5989-27-5	PNEC	5.4 µg/l	freshwater
D-limonene	5989-27-5	PNEC	0.54 µg/l	marine water
D-limonene	5989-27-5	PNEC	1.8 mg/l	sewage treatment plant (STP)
D-limonene	5989-27-5	PNEC	1.32 mg/kg	freshwater sediment
D-limonene	5989-27-5	PNEC	0.13 mg/kg	marine sediment
D-limonene	5989-27-5	PNEC	0.262 mg/kg	soil

## 8.2 Exposure controls

### Appropriate engineering controls

General ventilation.



## Individual protection measures (personal protective equipment)

### Eye/face protection

Wear eye/face protection.

### Hand protection

Material	Material thickness	Breakthrough times of the glove material
PVC: polyvinyl chloride	≥ 1,2 mm	>480 minutes (permeation: level 6)

Wear suitable gloves.

Chemical protection gloves are suitable, which are tested according to EN 374.

Check leak-tightness/impermeability prior to use.

In the case of wanting to use the gloves again, clean them before taking off and air them well.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

### Respiratory protection

During spraying wear suitable respiratory equipment.

### Environmental exposure controls

Use appropriate container to avoid environmental contamination.

Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Physical state	liquid
Form	pasty
Colour	white
Odour	of citrus fruits
Odour threshold	these information are not available

#### Other safety parameters

pH (value)	2.1
Melting point/freezing point	these information are not available
Initial boiling point and boiling range	>100 °C
Flash point	not applicable
Evaporation rate	these information are not available
Flammability (solid, gas)	not relevant (fluid)

**Explosive limits**

**Lower explosion limit (LEL)** these information are not available

**Upper explosion limit (UEL)** these information are not available

Vapour pressure these information are not available

Density 1.09 g/cm<sup>3</sup>

Vapour density these information are not available

Relative density these information are not available

**Solubility(ies)**

**Water solubility** not miscible in any proportion

**Partition coefficient**

n-octanol/water (log KOW) these information are not available

Auto-ignition temperature these information are not available

Relative self-ignition temperature for solids  
(Fluid) not relevant

Decomposition temperature these information are not available

**Viscosity**

**Kinematic viscosity** these information are not available

**Dynamic viscosity** these information are not available

Explosive properties not explosive

Oxidising properties shall not be classified as oxidising

**9.2 Other information**

None

**SECTION 10: Stability and reactivity****10.1 Reactivity**

This material is not reactive under normal ambient conditions.

**10.2 Chemical stability**

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

**10.3 Possibility of hazardous reactions**

No known hazardous reactions.

**10.4 Conditions to avoid**

There are no specific conditions known which have to be avoided.

**10.5 Incompatible materials**

bases, alkalines, metals (due to the release of hydrogen in an acid/alkaline medium)

**10.6 Hazardous decomposition products**

Carbon monoxide (CO).

Carbon dioxide (CO<sub>2</sub>).

Phosphorus oxides (P<sub>x</sub>O<sub>y</sub>).

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Classification procedure**

If not otherwise specified the classification is based on:

Ingredients of the mixture (additivity formula).

**Classification according to GHS (1272/2008/EC, CLP)****Acute toxicity**

<b>Acute toxicity of components of the mixture</b>					
<b>Name of substance</b>	<b>CAS No</b>	<b>Exposure route</b>	<b>Endpoint</b>	<b>Value</b>	<b>Species</b>
kieselguhr, soda ash flux-calcined	68855-54-9	oral	LD50	>2,000 mg/kg	rat
propan-2-ol	67-63-0	oral	LD50	5,840 mg/kg	rat
Citric acid, monohydrate	5949-29-1	oral	LD50	6,730 mg/kg	rat
Citric acid, monohydrate	5949-29-1	dermal	LD50	>2,000 mg/kg	rat

**Skin corrosion/irritation**

Shall not be classified as corrosive/irritant to skin.

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Respiratory or skin sensitisation**

Contains D-limonene. May produce an allergic reaction.

**Skin sensitisation**

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

**Respiratory sensitisation**

Shall not be classified as a respiratory sensitiser.

**Germ cell mutagenicity**

Shall not be classified as germ cell mutagenic.

**Carcinogenicity**

Shall not be classified as carcinogenic.

**Reproductive toxicity**

Shall not be classified as a reproductive toxicant.

**Specific target organ toxicity - single exposure**

Shall not be classified as a specific target organ toxicant (single exposure).

**Specific target organ toxicity - repeated exposure**

Shall not be classified as a specific target organ toxicant (repeated exposure).

**Aspiration hazard**

Shall not be classified as presenting an aspiration hazard.

**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity (acute)**

Test data are not available for the complete mixture.

**Aquatic toxicity (acute) of components of the mixture**

<b>Aquatic toxicity (acute) of components of the mixture</b>					
<b>Name of substance</b>	<b>CAS No</b>	<b>Endpoint</b>	<b>Value</b>	<b>Species</b>	<b>Exposure time</b>
phosphoric acid	7664-38-2	EC50	>100 mg/l	daphnia magna	48 h
phosphoric acid	7664-38-2	ErC50	>100 mg/l	algae (Desmod-esmus subspicatus)	72 h
propan-2-ol	67-63-0	LC50	9,640 mg/l	fathead minnow (Pimephales promelas)	96 h
propan-2-ol	67-63-0	LC50	>10,000 mg/l	daphnia magna	48 h
Citric acid, mono-hydrate	5949-29-1	LC50	440 mg/l	orfe (Leuciscus idus)	48 h
Citric acid, mono-hydrate	5949-29-1	LC50	760 mg/l	orfe (Leuciscus idus)	48 h
Citric acid, mono-hydrate	5949-29-1	LC50	1,535 mg/l	daphnia magna	24 h

**Aquatic toxicity (chronic)**

Harmful to aquatic life with long lasting effects.

Test data are not available for the complete mixture.

**Aquatic toxicity (chronic) of components of the mixture**

Aquatic toxicity (chronic) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Citric acid, monohydrate	5949-29-1	NOEC	425 mg/l	Grünalge (Scenedesmus quadricauda)	8 d

**12.2 Persistence and degradability****Degradability of components of the mixture**

Degradability of components of the mixture				
Name of substance	CAS No	Process	Degradation rate	Time
propan-2-ol	67-63-0	oxygen depletion	53 %	5 d

**Biodegradation**

Data are not available.

**Persistence**

Data are not available.

**12.3 Bioaccumulative potential**

Data are not available.

**Bioaccumulative potential of components of the mixture**

Bioaccumulative potential of components of the mixture			
Name of substance	CAS No	BCF	Log KOW
propan-2-ol	67-63-0		0.05
Citric acid, monohydrate	5949-29-1		
D-limonene	5989-27-5		4.23

**12.4 Mobility in soil**

Data are not available.

## 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

## 12.6 Other adverse effects

Data are not available.

### Endocrine disrupting potential

None of the ingredients are listed.

### Remarks

Water hazard class - WHC (Wassergefährdungsklasse): 2 (Hazardous to water)

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

This material and its container must be disposed of as hazardous waste.

#### Sewage disposal-relevant information

Do not empty into drains.

#### Waste treatment of containers/packagings

Handle contaminated packages in the same way as the substance itself.

### Remarks

Please consider the relevant national or regional provisions.

## SECTION 14: Transport information

14.1	<b>UN number</b>	not subject to transport regulations
14.2	<b>UN proper shipping name</b>	-
14.3	<b>Transport hazard class(es)</b>	
	<b>Class</b>	-
14.4	<b>Packing group</b>	-
14.5	<b>Environmental hazards</b>	non-environmentally hazardous acc. to the dangerous goods regulations
14.6	<b>Special precautions for user</b>	
		There is no additional information.
14.7	<b>Transport in bulk according to Annex II of MARPOL and the IBC Code</b>	
		The cargo is not intended to be carried in bulk.

**14.8 Information for each of the UN Model Regulations**

**Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)**

Not subject to ADR, RID and ADN.

**International Maritime Dangerous Goods Code (IMDG)**

Not subject to IMDG.

**International Civil Aviation Organization (ICAO-IATA/DGR)**

Not subject to ICAO-IATA.

**SECTION 15: Regulatory information**

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

**Relevant provisions of the European Union (EU)**

**Restrictions according to REACH, Annex XVII**

none of the ingredients are listed

**List of substances subject to authorisation (REACH, Annex XIV)**

none of the ingredients are listed

**Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) - Annex II**

none of the ingredients are listed

**Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)**

none of the ingredients are listed

**Directive 2000/60/EC establishing a framework for Community action in the field of water policy (WFD)**

none of the ingredients are listed

**Regulation 98/2013/EU on the marketing and use of explosives precursors**

none of the ingredients are listed

**Regulation 648/2004/EC on detergents**

Labelling of contents	
Wt%	Constituents
< 5 %	non-ionic surfactants aliphatic hydrocarbons
	perfumes D-LIMONENE

## SECTION 16: Other information

## 16.1 Indication of changes (revised safety data sheet)

Indication of changes: Section 3.2,8.1

Indication of changes (revised safety data sheet)		
Section	Former entry (text/value)	Actual entry (text/value)
3.2		Hazardous ingredients acc. to GHS: change in the listing (table)
8.1		Relevant PNECs of components of the mixture: change in the listing (table)

## Abbreviations and acronyms

Abbreviations and acronyms	
Abbr.	Descriptions of used abbreviations
2000/39/EC	Comission Directive establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC
Acute Tox.	Acute toxicity
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
Aquatic Acute	Hazardous to the aquatic environment - acute hazard
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard
BCF	Bioconcentration factor
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
EH40/2005	EH40/2005 Workplace exposure limits ( <a href="http://www.nationalarchives.gov.uk/doc/open-government-licence/">http://www.nationalarchives.gov.uk/doc/open-government-licence/</a> )
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
Eye Dam.	Seriously damaging to the eye



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<b>Abbreviations and acronyms</b>	
<b>Abbr.</b>	<b>Descriptions of used abbreviations</b>
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
index No	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
IOELV	Indicative occupational exposure limit value
log KOW	n-Octanol/water
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
Met. Corr.	Substance or mixture corrosive to metals
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitisation
STEL	Short-term exposure limit
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure
TWA	Time-weighted average
vPvB	Very Persistent and very Bioaccumulative
WEL	Workplace exposure limit

## Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.  
 Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU.  
 Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN).  
 International Maritime Dangerous Goods Code (IMDG).  
 Dangerous Goods Regulations (DGR) for the air transport (IATA).

## Classification procedure

Physical and chemical properties.  
 Health hazards.  
 Environmental hazards.  
 The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

## List of relevant phrases (code and full text as stated in chapter 2 and 3)

<b>List of relevant phrases (code and full text as stated in chapter 2 and 3)</b>	
Code	Text
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye 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.
H412	Harmful to aquatic life with long lasting effects.

**Disclaimer**

This information is based upon the present state of our knowledge.  
This SDS has been compiled and is solely intended for this product.