

# Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 08.03.2024

Version number 11 (replaces version 10)

Revision: 08.03.2024

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

### · 1.1 Product identifier

· Trade name: illbruck OT015

· MSDS code: A-I-OT015

### · 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 Adhesives

### · 1.3 Details of the supplier of the safety data sheet

#### · Manufacturer/Supplier:

Tremco CPG UK Ltd  
Coupland Road, Hindley Green, WIGAN, WN2 4HT  
T: +44 (0) 1942251400, F: +44 (0) 1942251410  
msds@tremcocpg.com

#### · Further information obtainable from:

Tremco CPG UK Ltd  
Coupland Road, Hindley Green, Wigan, WN2 4HT  
T: +44 (0) 1942251400, F: +44 (0) 1942251410  
www.tremcocpg.eu, info.uk@tremcocpg.com

#### · 1.4 Emergency telephone number:

During office hours (Mon-Fri 08:30-17:00 GMT) Tel.: +44 (0) 1942251400. At all other times it is recommended to call NHS 111 (England/Wales/Scotland), your local GP/pharmacist (NI), 01 809 2166 (ROI), or otherwise to contact a doctor.

## SECTION 2: Hazards identification

### · 2.1 Classification of the substance or mixture

#### · Classification according to Regulation (EC) No 1272/2008

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

Eye Irrit. 2 H319 Causes serious eye irritation.

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

STOT SE 3 H336 May cause drowsiness or dizziness.

### · 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



GHS02 GHS07

· Signal word Danger

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**· Contains:**

ethyl acetate  
Phenol, methylstyrenated  
butanone

**· Hazard statements**

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H336 May cause drowsiness or dizziness.

**· Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P271 Use only outdoors or in a well-ventilated area.  
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.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

**· Supplemental information:**

EUH066 Repeated exposure may cause skin dryness or cracking.

**· 2.3 Other hazards****· Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

**· vPvB:**

CAS: 68512-30-1	Phenol, methylstyrenated
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**· Determination of endocrine-disrupting properties**

CAS: 78-93-3	butanone	List II
CAS: 68512-30-1	Phenol, methylstyrenated	List II

**SECTION 3: Composition/information on ingredients****· 3.2 Mixtures**

· **Description:** Mixture of substances listed below with non-hazardous additions.

**· Dangerous components:**

CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-xxxx	ethyl acetate Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	10-<20%
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43-xxxx	butanone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	3-<10%
CAS: 68512-30-1 EINECS: 270-966-8 Reg.nr.: 01-2119555274-38-xxxx	Phenol, methylstyrenated Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412 vPvB	1-<3%

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- **EU SVHC** see Section 15
- **GB SVHC** see Section 15
- **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:** Take affected persons out of danger area and lay down.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **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 a doctor.
- **After swallowing:**  
Rinse out mouth and then drink plenty of water.  
Do not induce vomiting; call for medical help immediately.
- **Information for doctor:** No further relevant information available.
- **4.2 Most important symptoms and effects, both acute and delayed**  
Headache  
Dizziness  
Nausea  
Allergic reactions
- **Hazards** 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:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**  
Cool endangered receptacles with water spray.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.  
Keep away from ignition sources.

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- Ensure adequate ventilation.
- **For non-emergency personnel** No further relevant information available.
- **For emergency responders** No further relevant information available.
- **6.2 Environmental precautions:** 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).  
Ensure adequate ventilation.  
Dispose of contaminated material as waste according to Section 13.
- **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.  
Avoid contact with the eyes and skin.
- **Information about fire - and explosion protection:**  
Fumes can combine with air to form an explosive mixture.  
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.
- **Information about storage in one common storage facility:** Protect from heat and direct sunlight.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.  
Store receptacle in a well ventilated area.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

**CAS: 141-78-6 ethyl acetate**

WEL	Short-term value: 1468 mg/m <sup>3</sup> , 400 ppm Long-term value: 734 mg/m <sup>3</sup> , 200 ppm
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**CAS: 78-93-3 butanone**

WEL	Short-term value: 899 mg/m <sup>3</sup> , 300 ppm Long-term value: 600 mg/m <sup>3</sup> , 200 ppm Sk, BMGV
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· **DNELs****CAS: 141-78-6 ethyl acetate**

Dermal	industrial	63 mg/kg/24h (workers) (systemic effects)
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· **Long term effects****CAS: 141-78-6 ethyl acetate**

Oral	consumer	4.5 mg/kg/24h (consumers) (systemic effects)
Inhalative	industrial	734 mg/m <sup>3</sup> (workers) (systemic and local effects)
	consumer	367 mg/m <sup>3</sup> (consumers) (systemic and local effects)

**CAS: 78-93-3 butanone**

Oral	consumer	31 mg/kg (human)
Dermal	industrial	1,116 mg/kg (human)
	consumer	412 mg/kg (human)
Inhalative	industrial	600 mg/m <sup>3</sup> (human)
	consumer	106 mg/m <sup>3</sup> (human)

· **Short term effects****CAS: 141-78-6 ethyl acetate**

Inhalative	industrial	1,468 mg/m <sup>3</sup> (workers) (systemic and local effects)
	consumer	734 mg/m <sup>3</sup> (consumers) (systemic and local effects)

· **PNECs****CAS: 141-78-6 ethyl acetate**

PNEC	0.24 mg/L (fresh water)
	650 mg/L (sewage treatment plant)
	1.65 mg/L (intermittent release)
	0.024 mg/L (marine)
PNEC	0.148 mg/kg dwt (soil)
	0.115 mg/kg dwt (sediment (salt water))
	1.15 mg/kg dwt (sediment (fresh water))

**CAS: 78-93-3 butanone**

PNEC	55.8 mg/L (fresh water)
	709 mg/L (sewage treatment plant)
	55.8 mg/L (sporadic release)
	55.8 mg/L (salt water)
PNEC	22.5 mg/kg (soil)
	284.7 mg/kg (sediment (salt water))
	284.7 mg/kg (sediment (fresh water))

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· **Ingredients with biological limit values:**

**CAS: 78-93-3 butanone**

BMGV	70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one
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· **Additional information:**

The lists valid during the making were used as basis.  
HSE EH40/2005 Workplace Exposure Limits (as amended)

· **8.2 Exposure controls**

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Do not eat, drink, smoke or sniff while working.  
Avoid contact with the eyes and skin.

· **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

For further guidance,

please refer to HSE HSG53 "Respiratory Protective Equipment at work - A Practical Guide".

· **Hand protection**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Nitrile rubber, NBR

PVA gloves

Fluorocarbon rubber (Viton)

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.

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- **Eye/face protection**



Tightly sealed goggles

- **Body protection:**



Protective work clothing

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

· <b>Physical state</b>	Fluid
· <b>Colour:</b>	Black
· <b>Odour:</b>	Sweetish
· <b>Odour threshold:</b>	Not determined.
· <b>Melting point/freezing point:</b>	Undetermined.
· <b>Boiling point or initial boiling point and boiling range</b>	Undetermined.
· <b>Flammability</b>	Highly flammable.
· <b>Lower and upper explosion limit</b>	
· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.
· <b>Flash point:</b>	-7 °C (IP523 Seta)
· <b>Auto-ignition temperature:</b>	>200 °C
· <b>Decomposition temperature:</b>	Not determined.
· <b>pH</b>	Mixture is non-polar/aprotic.
· <b>Viscosity:</b>	
· <b>Kinematic viscosity</b>	Not determined.
· <b>Solubility</b>	
· <b>water:</b>	Immiscible / difficult to mix.
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
· <b>Vapour pressure at 20 °C:</b>	97 hPa (CAS: 141-78-6 ethyl acetate)
· <b>Vapour pressure at 50 °C:</b>	360 hPa
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C:</b>	1.13 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.

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**· 9.2 Other information****· Appearance:****· Form:** Liquid**· Important information on protection of health and environment, and on safety.****· Ignition temperature:** Product is not selfigniting.**· Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.**· Solvent content:****· Organic solvents:** 27.1 %**· VOC (EU)** 27.15 %**· VOC (EC)** 244 g/l

27.15 %

**· Evaporation rate**

Not determined.

**· Information with regard to physical hazard classes****· Explosives** Void**· Flammable gases** Void**· Aerosols** Void**· Oxidising gases** Void**· Gases under pressure** Void**· Flammable liquids** Highly flammable liquid and vapour.**· 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** Stable**· 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 acids and oxidising agents.**· 10.4 Conditions to avoid** No further relevant information available.

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- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**  
Possible in traces.  
Nitrogen oxides  
Carbon monoxide and carbon dioxide

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

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

#### CAS: 141-78-6 ethyl acetate

Oral	LD50	5,620 mg/kg (rabbit)
Inhalative	LC0/4 h	8,000 ppm (rat)
	LC50/4 h	70.56 mg/L (rabbit) 1,600 mg/L (rat)

#### CAS: 78-93-3 butanone

Oral	LD50	3,300 mg/kg (rat)
Dermal	LD50	5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	34 mg/L (rat)

- **Skin corrosion/irritation**  
Irritating effect.  
Repeated exposure may cause skin dryness or cracking.
- **Serious eye damage/irritation**  
Causes serious eye irritation.
- **Respiratory or skin sensitisation**  
May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**  
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **Information on likely routes of exposure** No further relevant information available.
- **Symptoms related to the physical, chemical and toxicological characteristics**  
No further relevant information available.
- **Delayed and immediate effects as well as chronic effects from short and long-term exposure**  
No further relevant information available.

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- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

CAS: 78-93-3	butanone	List II
CAS: 68512-30-1	Phenol, methylstyrenated	List II

### SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

- **CAS: 78-93-3 butanone**

LC0/96 h	2,993 mg/L (pimephales promelas)
EC50/48 h	308 mg/L (daphnia magna)

- **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:**

CAS: 68512-30-1	Phenol, methylstyrenated
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- **12.6 Endocrine disrupting properties**

For information on endocrine disrupting properties see section 11.

- **12.7 Other adverse effects**

- **Additional ecological information:**

- **General notes:**

The product contains materials that are harmful to the environment.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 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.

Disposal must be made according to official regulations.

- **European waste catalogue**

08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
HP3	Flammable
HP4	Irritant - skin irritation and eye damage

- **Uncleaned packaging:**

- **Recommendation:**

Dispose of packaging according to regulations on the disposal of packagings.

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Packagings that may not be cleansed are to be disposed of in the same manner as the product.  
Non contaminated packagings may be recycled.

### SECTION 14: Transport information

· 14.1 UN number or ID number · ADR, ADN, IMDG, IATA	UN1133
· 14.2 UN proper shipping name · ADR · IMDG, IATA	1133 ADHESIVES 1133 ADHESIVES ADHESIVES
· 14.3 Transport hazard class(es) · ADR	
	
· Class · Label	3 (F1) Flammable liquids. 3
· IMDG, IATA	
	
· Class · Label	3 Flammable liquids. 3
· 14.4 Packing group · ADR, IMDG, IATA	III
· 14.5 Environmental hazards: · Marine pollutant:	No
· 14.6 Special precautions for user · Hazard identification number (Kemler code): · EMS Number: · Stowage Category	Warning: Flammable liquids. 33 F-E,S-D A
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.

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**· Transport/Additional information:**
**· ADR**
**· 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

**· Remarks:**

14.4 : PG III; ADR 2.2.3.1.4

**· 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

**· Remarks:**

14.4 : PG III; IMDG 2.3.2.2 - 2.3.2.3

**· IATA**
**· Remarks:**

14.4 : PG III; IATA 3.3.3

**· UN "Model Regulation":**

UN 1133 ADHESIVES, 3, III

### SECTION 15: Regulatory information

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

HSE EH40/2005 Workplace Exposure Limits (as amended)

Guidance on the classification and assessment of waste | Technical Guidance WM3 (1st edition 2015)

"GB- CLP" UK SI 2019 No. 720 The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019

"UK- REACH" UK SI 2020 No. 1577 The UK REACH etc. (Amendment etc.) (EU Exit) Regulations 2020

The Endocrine Disruptor Lists I, II, III (www.edlists.org)

**· Poisons Act**
**· Regulated explosives precursors**

None of the ingredients is listed.

**· Regulated poisons**

None of the ingredients is listed.

**· Reportable explosives precursors**

None of the ingredients is listed.

**· Reportable poisons**

None of the ingredients is listed.

**· Directive 2012/18/EU**
**· Qualifying quantity (tonnes) for the application of lower-tier requirements 5.000 t**

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- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50.000 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

- **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

- **Regulation (EC) No 273/2004 on drug precursors**

CAS: 78-93-3 | butanone

3

- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

CAS: 78-93-3 | butanone

3

- **National regulations:**

- **Information about limitation of use:** Employment restrictions concerning juveniles must be observed.
- **Other regulations, limitations and prohibitive regulations** No further relevant information available.

- **Substances of very high concern (SVHC) according to EU REACH, Article 57**

CAS: 68512-30-1 | Phenol, methylstyrenated

- **Substances of very high concern (SVHC) according to UK REACH** Not applicable.
- **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.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

- **Department issuing SDS:**

Prepared and verified in accordance with Annex II, Part A, 0.2.3. of "UK- REACH" UK SI 2019 No. 758  
The UK REACH etc. (Amendment etc.) (EU Exit) Regulations 2019

- **Date of previous version:** 21.11.2022

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**· Version number of previous version: 10****· Abbreviations and acronyms:**

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)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

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

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

Skin Sens. 1: Skin sensitisation – Category 1

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

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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