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

1.1 Product identifier

Product name : Recoat Floor Cleaner

Product description : Cleaner Article number : 31150

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

Not applicable.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Dercom B.V. Platinawerf 24A 6641 TL Beuningen - Holland Tel: 0031 24 67 525 74 Fax: 0031 24 67 525 77

Further information obtainable from: a.derks@dercom.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

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Skin Irrit. 2, H315 Eye Dam.1 H318

The product is classified as hazardous according to Regulation (EC) 1272/2008 as

amended. See Section 16 for the full text of the H statements declared above. See Section 11 for more detailed information on health effects and symptoms.

#### 2.2 Label elements

Hazard pictograms



Danger Signal word

Causes serious eve

damage. Causes skin Hazard statements

irritation.

Precautionary statements

Prevention Wear protective gloves and eye protection.

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Response : IF IN EYES: Rinse cautiously with water for several minutes. Immediately call a

POISON CENTER or physician.

Storage Not applicable. Disposal Not applicable.

Hazardous ingredients : Isotridecanol, ethoxylated

Supplemental label

elements

: Not applicable.

: Not applicable. Annex XVII - Restrictions

Special packaging requirements

Containers to be fitted with

: Not applicable.

child-resistant fastenings Tactile warning of danger

: Not applicable.

2.3 Other hazards

Product meets the criteria for PBT or vPvB according to

Regulation (EC) No.

1907/2006, Annex XIII

Other hazards which do not

: None known.

vPvB.

result in classification

### SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Туре
Isotridecanol, ethoxylated	EC: 500-241-6 CAS: 69011-36-5	≤10	Acute Tox. 4, H302 Eye Dam. 1, H318	[1]
2-aminoethanol	REACH #: 01-2119486455-28 EC: 205-483-3 CAS: 141-43-5 Index: 603-030-00-8	<2,5	l	[1] [2]

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

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

#### Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern
- [6] Additional disclosure due to company policy

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Occupational exposure limits, if available, are listed in Section 8.

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General : In all cases of doubt, or when symptoms persist, seek medical attention. Never give

anything by mouth to an unconscious person. If unconscious, place in recovery

position and seek medical advice.

Eye contact : Check for and remove any contact lenses. Immediately flush eyes with running

water for at least 15 minutes, keeping eyelids open. Seek immediate medical

attention.

Inhalation : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is

irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by

trained personnel.

Skin contact : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and

water or use recognised skin cleanser. Do NOT use solvents or thinners.

Ingestion : If swallowed, seek medical advice immediately and show the container or label.

Keep person warm and at rest. Do NOT induce vomiting.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. If it

is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing

thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

There are no data available on the mixture itself. The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician : In case of inhalation of decomposition products in a fire, symptoms may be delayed.

The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments : No specific treatment.

See toxicological information (Section 11)

# SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing

: Recommended: alcohol-resistant foam, CO<sub>2</sub>, powders, water spray.

media

: Do not use water jet.

Unsuitable extinguishing

media

5.2 Special hazards arising from the substance or mixture

Hazards from the : Fire will produce dense black smoke. Exposure to decomposition products may

substance or mixture cause a health hazard.

Hazardous thermal : Decomposition products may include the following materials: carbon monoxide,

decomposition products carbon dioxide, smoke, oxides of nitrogen.

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(Contd. of page 3)

5.3 Advice for firefighters

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Special protective actions

for fire-fighters

: Cool closed containers exposed to fire with water. Do not release runoff from fire to

drains or watercourses.

Special protective

equipment for fire-fighters

: Appropriate breathing apparatus may be required.

#### SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency

personnel

: Avoid breathing vapour or mist. Refer to protective measures listed in sections 7

and 8.

For emergency responders: If specialised clothing is required to deal with the spillage, take note of any

information in Section 8 on suitable and unsuitable materials. See also the

information in "For non-emergency personnel".

6.2 Environmental

precautions

: Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local

regulations.

6.3 Methods and material for

containment and cleaning up

: Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal

according to local regulations (see Section 13). Preferably clean with a detergent.

Avoid using solvents.

6.4 Reference to other

sections

: See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

### SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe

handling

: Avoid contact with skin and eyes. Avoid inhalation of vapour, spray or mist.

Eating, drinking and smoking should be prohibited in areas where this material is

handled, stored and processed.

Put on appropriate personal protective equipment (see Section 8). Never use pressure to empty. Container is not a pressure vessel.

Always keep in containers made from the same material as the original one.

Comply with the health and safety at work laws. Do not allow to enter drains or watercourses.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations.

Notes on joint storage

Keep away from: oxidising agents, strong alkalis, strong acids.

Additional information on storage conditions

Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep container tightly closed.

No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s)

Recommendations : Not available.

Industrial sector specific solutions: Not available.

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# SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

### 8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
2-aminoethanol	EU OEL (Europe, 2/2017). Absorbed through skin. Notes: list of
	indicative occupational exposure limit values
	TWA: 2,5 mg/m <sup>3</sup> 8 hours.
	TWA: 1 ppm 8 hours.
	STEL: 7,6 mg/m <sup>3</sup> 15 minutes.
	STEL: 3 ppm 15 minutes.

Recommended monitoring procedures

: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### **DNELs/DMELs**

Product/ingredient name	Type	Exposure	Value	Population	Effects
Isotridecanol, ethoxylated	DNEL	Long term Oral	25 mg/kg	General	Systemic
	DNEL	Long term Inhalation	bw/day 87 mg/m <sup>3</sup>	population General	Systemic
	DNEL	Long term Inhalation	294 mg/m <sup>3</sup>	population Workers	Systemic
	DNEL	Long term Dermal	1250 mg/	General	Systemic
	DNEL	Long term Dermal	kg bw/day	population	Systemic
2-aminoethanol	DNEL	Long term Dermal	2080 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term Dermal	0,24 mg/	General	Systemic
	DNEL	Long term Inhalation	kg bw/day 1 mg/kg	population Workers	Local
	DNEL	Long term Inhalation	bw/day 2 mg/m³	General	Local
	DNEL	Long term Oral	3,3 mg/m <sup>3</sup>	population Workers	Systemic
			3,75 mg/ kg bw/day	General population	

**PNECs** 

No PNECs available

8.2 Exposure controls

Appropriate engineering controls

: Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

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Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before

eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing.

Wash contaminated clothing before reusing. Ensure that eyewash stations and

safety showers are close to the workstation location.

Eye/face protection : Use safety eyewear designed to protect against splash of liquids.

Skin protection Hand

protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

Gloves : For prolonged or repeated handling, use the following type of gloves:

Recommended: nitrile rubber

The recommendation for the type or types of glove to use when handling this

product is based on information from the following source:

The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of

use, as included in the user's risk assessment.

Body protection Personnel should wear antistatic clothing made of natural fibres or of high-

temperature-resistant synthetic fibres.

Other skin protection : Appropriate footwear and any additional skin protection measures should be

selected based on the task being performed and the risks involved and should be

approved by a specialist before handling this product.

Respiratory protection : If workers are exposed to concentrations above the exposure limit, they must use

appropriate, certified respirators.

Environmental exposure

controls

: Do not allow to enter drains or watercourses.

### SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Liquid.
Colour : Green. Blue.
Odour : Pleasant.
Odour threshold pH : Not applicable.

Melting point/freezing point : 11
Initial boiling point and boiling : 0°C
range : 100°C

Flash point

Evaporation rate : Not available.

: Not available.

Flammability (solid, gas) : Not applicable. Upper/lower flammability or : Not applicable.

explosive limits

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Vapour pressure : Not available.
Vapour density Relative : Not available.

density Solubility(ies) : 1

Partition coefficient: n-octanol/ : Easily soluble in the following materials: cold water and hot water.

water : Not applicable.

Auto-ignition temperature

: Not available.

Decomposition temperature : Not applicable.

Viscosity : Not available.

Explosive properties : Not available.

Oxidising properties : Not available.

9.2 Other information

Solubility in water : Not available.

### SECTION 10: Stability and reactivity

10.1 Reactivity: No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability : Stable under recommended storage and handling conditions (see Section 7).
 10.3 Possibility of : Under normal conditions of storage and use, hazardous reactions will not occur.

hazardous reactions

Conditions to avoid

10.4

: When exposed to high temperatures may produce hazardous decomposition

products.

10.5 Incompatible materials : Keep away from the following materials to prevent strong exothermic reactions:

oxidising agents, strong alkalis, strong acids.

10.6 Hazardous : Decomposition products may include the following materials: carbon monoxide,

decomposition products carbon dioxide, smoke, oxides of nitrogen.

### **SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

There are no data available on the mixture itself. The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
2-aminoethanol	LD50 Oral	Rat	1720 mg/kg	-

Conclusion/Summary : Not available.

Acute toxicity estimates

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Product/ingredier	it name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalat (gase (ppm	s)	Inhalation (vapours) (mg/l)	
Isotridecanol, ethoxylated 2-aminoethanol		8733,8 500 1720	51994,4 N/A 1100	N/A N/A N/A		519,9 N/A 11	N/A N/A N/A
Product/ingredient name	Result		Species	Score	Е	xposure	Observation
2-aminoethanol	Eyes - Severe irritant Skin - Moderate irritar		Rabbit Rabbit	-	505	rograms	-

Conclusion/Summary

Skin : 431 In Vitro Skin Corrosion: Human Skin Model Test Non-corrosive to skin.

Eyes : Causes serious eye damage.

Sensitisation Conclusion/Summary

Skin : Causes skin irritation.

Mutagenicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available. Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
2-aminoethanol	Category 3	Not applicable.	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Other information : Not available.

# SECTION 12: Ecological information

# 12.1 Toxicity

There are no data available on the mixture itself.

Do not allow to enter drains or watercourses.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as hazardous to the environment, but contains substance(s) hazardous to the environment. See section 3 for details.

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	Product/ingredient name	Result	Species	Exposure
Ī	2-aminoethanol	Acute EC50 8,42 mg/l Fresh water	Algae - Desmodesmus subspicatus	72 hours
		Acute LC50 >100000 μg/l Marine water	Crustaceans - Crangon crangon - Adult	48 hours
		Acute LC50 170 mg/l Fresh water	Fish - Carassius auratus	96 hours

Conclusion/Summary

: Not available.

12.2 Persistence and degradability

Conclusion/Summary : Not available.

### 12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
2-aminoethanol	-1,31	-	low

12.4 Mobility in soil

Soil/water partition : Not available.

coefficient (KOC)

Mobility : 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 : No known significant effects or critical hazards.

#### SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 13.1 Waste treatment methods

**Product** 

Methods of disposal : The generation of waste should be avoided or minimised wherever possible.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of

all authorities with jurisdiction.

Hazardous waste : Yes

Disposal considerations : Do not allow to enter drains or watercourses.

Dispose of according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no

longer apply and the appropriate code should be assigned. For further information, contact your local waste authority.

European waste catalogue (EWC)

The European Waste Catalogue classification of this product, when disposed of as waste, is:

Waste code	Waste designation	
20 01 29*	detergents containing hazardous substances	

Packaging

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Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste

packaging should be recycled. Incineration or landfill should only be considered

when recycling is not feasible.

Disposal considerations : Using information provided in this safety data sheet, advice should be obtained from

the relevant waste authority on the classification of empty containers.

Empty containers must be scrapped or reconditioned.

Dispose of containers contaminated by the product in accordance with local or

national legal provisions.

Special precautions : This material and its container must be disposed of in a safe way. Care should be

taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

None known.

# SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.

14.6 Special precautions for user

: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

: Not applicable.

#### SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and

articles

: Not applicable.

# Safety data sheet

## according to 1907/2006/EC, Article 31

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Other EU regulations

VOC : Not available. VOC for Ready-for-Use : Not applicable.

Mixture

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

National regulations

Industrial use : 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. The provisions of the national health and safety at work regulations apply

to the use of this product at work.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol (Annexes A, B, C, E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

15.2 Chemical safety : No Chemical Safety Assessment has been carried out.

assessment

#### SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and : ATE = Acute Toxicity Estimate

acronyms CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.

1272/2008]

DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number

vPvB = Very Persistent and Very Bioaccumulative

# Safety data sheet

# according to 1907/2006/EC, Article 31

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H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.

# Full text of classifications [CLP/GHS]

ACLITE TOYICITY (aval) Cotogon (4
ACUTE TOXICITY (oral) - Category 4
ACUTE TOXICITY (dermal) - Category 4
ACUTE TOXICITY (inhalation) - Category 4
LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
SKIN CORROSION/IRRITATION - Category 1B
SKIN CORROSION/IRRITATION - Category 2
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE
(Respiratory tract irritation) - Category 3

Department issuing SDS: Product safety department.

. Contact: Mrs. A. Derks

. 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

INDICA. International warmine Code in Darightous 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)

PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity — Category 4
Skin Irrit. 2: Skin corrosion/irritation — Category 2
Eye Irrit. 2: Serious eye damage/eye irritation — Category 2
. \* Data compared to the previous version altered.