

# Safety Data Sheet

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

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Version : 3.0

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

### 1.1. Product identifier

Safety Data Sheet : 34739  
 Product code : 4422 945 00821  
 Product name: : CL000A PC CLEAR

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

Relevant identified uses : No information available.  
 Uses advised against : No information available.

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

Supplier : SIGNIFY MAARHEEZE  
 Philipsweg 1  
 6026 RA Maarheeze  
 The Netherlands  
 Telephone :  
 Responsible for the compilation of the SDS on behalf of the supplier/ manufacturer : hazcom@philips.com

### 1.4. Emergency telephone number

Emergency telephone number (regarding transport of DG) : +31 (0)497-598315

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Not classified

### 2.2. Label elements

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

none

Remarks on labelling : none.

### 2.3. Other hazards

No information available.

## SECTION 3: Composition / information on ingredients

### 3.2. Mixture

Substance name	CAS No.	EC No.	REACH No.	Concentration (%)	Classification according to Regulation (EC) No 1272/2008 [CLP]
BISPHENOL-A-POLYCARBONATE					
UV-STABILIZER					

Substance name	CAS No.	EC No.	REACH No.	Concentration (%)	Classification according to Regulation (EC) No 1272/2008 [CLP]
BISPHENOL A (TRACES)	80-05-7	201-245-8	01-2119457856-23		GHS05 GHS07 GHS08 H317 Skin Sens. 1 H318 Eye Dam. 1 H335 STOT SE 3 H360F Repr. 1B
TERT-BUTYLPHENOL, 4- (TRACES)	98-54-4	202-679-0	01-2119489419-21 01-2119879274-27		GHS05 GHS08 GHS09 H315 Skin Irrit. 2 H318 Eye Dam. 1 H361f Repr. 2 H410 Aquatic Chronic 1
PHENOL (TRACES)	108-95-2	203-632-7	01-2119471329-32 01-2119882293-32		GHS05 GHS06 GHS08 H301 Acute Tox. 3 H311 Acute Tox. 3 H314 Skin Corr. 1B H331 Acute Tox. 3 H341 Muta. 2 H373 STOT RE 2
CHLOROBENZENE (TRACES)	108-90-7	203-628-5	01-2119432722-45 01-2119944158-33 01-2119944159-31 01-2120752200-71 01-2120769699-27		GHS02 GHS07 GHS09 H226 Flam. Liq. 3 H315 Skin Irrit. 2 H332 Acute Tox. 4 H411 Aquatic Chronic 2

Full text of H- and EUH-statements: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- General information** : No special measures are necessary. When in doubt or if symptoms are observed, get medical advice. In the case of contact with hot melt, treat skin with: Rinse immediately carefully and thoroughly with eye-bath or water. Do not use force or solvents to remove product incrustations from affected skin areas. Call a physician immediately.
- Following inhalation** : No special measures are necessary.
- Following skin contact** : No special measures are necessary. In case of skin irritation, consult a physician.
- After eye contact** : No special measures are necessary. When in doubt or if symptoms are observed, get medical advice.
- Following ingestion** : No special measures are necessary.
- Self-protection of the first aider** : First aider: Pay attention to self-protection!

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

#### Adverse human health effects and symptoms / Organs affected:

Under normal conditions of use no symptoms and effects are to be expected. However, deviation of the intended use may result in the following symptoms dependent on the route of exposure:

- Following inhalation** : Prickling sensation. May cause:, sore throat
- Following skin contact** : Prickling sensation. May cause:, redness
- After eye contact** : Prickling sensation. May cause:, redness
- Following ingestion** : Prickling sensation. May cause:, sore throat

Further information: SECTION 11: Toxicological information

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

- Notes for the doctor** : Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media** : Co-ordinate fire-fighting measures to the fire surroundings.
- Unsuitable extinguishing media** : No information available.

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

### Hazardous combustion products

In case of fire may be liberated : Carbon monoxide - Carbon dioxide (CO<sub>2</sub>) - Hydrogen cyanide (hydrocyanic acid) - Nitrogen oxides (NO<sub>x</sub>) - hydrochloric acid

## 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Flame-retardant protective clothing. (EN 469)

## 5.4. Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

# SECTION 6: Accidental release measures

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

Personal precautions : Use personal protection equipment.

### 6.1.1. For non-emergency personnel

Protective equipment : Personal protection equipment: see section 8

Emergency procedures : not applicable.

### 6.1.2. For emergency responders

Personal protection equipment : Personal protection equipment: see section 8

## 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Ensure waste is collected and contained.

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

### 6.3.1. For containment

not applicable.

### 6.3.2. For cleaning up

not applicable.

### 6.3.3. Other information

not determined

## 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

# SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

### Protective measures

Advices on safe handling : No special handling advices are necessary.

Measures to prevent fire : No special fire protection measures are necessary.

Measures to prevent aerosol and dust generation : Not dust explosive.

Environmental precautions : Avoid release to the environment.

Advices on general occupational hygiene : When using do not eat, drink, smoke, sniff. Take off contaminated clothing. Wash hands before breaks and after work.

Further information : No information available.

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

Technical measures and storage conditions : Store in a dry place.

storage temperature : No information available.

Requirements for storage rooms and vessels : No information available.

Storage class : No information available.

Materials to avoid : No information available.

Further information on storage conditions : No information available.

### 7.3. Specific end use(s)

Recommendation : not applicable

Industrial sector specific solutions : No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limit values

Substance name	Limit value	European Union		The Netherlands		Germany		France	
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm
BISPHENOL A (TRACES)		(inhalable dust)		(inhalable dust)		(inhalable dust)		(inhalable dust)	
	8 hour(s)	2		2		5		10	
	15 minutes					5			
	C							10	
TERT-BUTYLPHENOL, 4-(TRACES)									H
	8 hour(s)			0.5		0.5			
	15 minutes					1			
	C								
PHENOL (TRACES)									H
	8 hour(s)	8	2	8		8		7.8	2
	15 minutes	16	4			16		15.6	4
	C								
CHLOROBENZENE (TRACES)									S
	8 hour(s)	23	5	23		23	5	23	5
	15 minutes	70	15	70		46	10	70	15
	C								

Substance name	Limit value	Austria		Belgium		Switzerland		China	
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm
BISPHENOL A (TRACES)		(inhalable dust)				(inhalable dust)			
	8 hour(s)	2		2		3		5	
	15 minutes	5							
	C								
TERT-BUTYLPHENOL, 4-(TRACES)									H
	8 hour(s)	0.5	0.08			0.5			
	15 minutes	2.5	0.4			1.0			
	C								
PHENOL (TRACES)									H
	8 hour(s)	8	2	8	2	19	5	10	
	15 minutes	16	4	16	4	19	5		
	C								
CHLOROBENZENE (TRACES)									
	8 hour(s)	23	5	23	5	46	10	50	
	15 minutes	70	15	70	15	92	20		
	C								

Substance name	Limit value	Spain		United Kingdom		Italy		Norway	
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm
BISPHENOL A (TRACES)				(inhalable dust)		(inhalable dust)		H (inhalable dust)	
	8 hour(s)	2		2		2		2	
	15 minutes			6				4	
	C	2							
PHENOL (TRACES)									H
	8 hour(s)	8	2	7.8	2	8	2	4	1
	15 minutes	16	4	16	4	16	4	12	3
	C								
CHLOROBENZENE (TRACES)									H

Substance name	Limit value	Spain		United Kingdom		Italy		Norway	
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm
	8 hour(s)	23	5	4.7	1	23	5	23	5
	15 minutes	70	15	14	3	70	15	34.5	10
	C								

Substance name	Limit value	Poland		Portugal		Russia		Sweden	
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm
BISPHENOL A (TRACES)		(inhalable dust)		(inhalable dust)				(inhalable dust)	
	8 hour(s)	2		2		5		2	
	15 minutes								
	C								
TERT-BUTYLPHENOL, 4-(TRACES)	8 hour(s)					0.4			
	15 minutes					1			
	C								
PHENOL (TRACES)			H		H	(Vapour)			H
	8 hour(s)	7.8		8	2	0.3		4	1
	15 minutes	16		16	4	1		16	4
	C								
CHLOROBENZENE (TRACES)						(Vapour)			H
	8 hour(s)	23		23	5	50		23	5
	15 minutes	70		70	15	100		70	15
	C								

Source : SUVA, Dutch Health Council, 2006/15/EC, 2004/37/EC, LOLI DB, 2000/39/EC, GWBB/VLEP, Gestis, 91/322/EEC, 2017/164/EU, INRS (Fr), TRGS 905, TRGS 910, Austrian OEL Regulation, Dutch Social-Economic Council (SER), US OSHA, EU OSHA, TRGS 900, ACGIH®, 2009/161/EU

20 °C, 1013 mbar: European Union / China / South Korea

25 °C, 1013 mbar: United States / Canada / Japan

[x]: appraisal period x minutes

C: peak limitation

H: skin resorptive

S: Statutory threshold limit value

ALARA: As low as reasonably achievable (ALARA principle).

#### Remark Occupational exposure limit values

none

#### DNEL (Derived No Effect Level (DNEL-value))

Substance name	Exposure route	DNEL worker			
		systemic		local	
		long-term	short-term	long-term	short-term
BISPHENOL A (TRACES)	oral [mg/kg bw/day]	Not required.			
	Inhalation [mg/m <sup>3</sup> ] 20	2	2	2	2
	dermal [mg/kg bw/day]	0.031	0.031		
TERT-BUTYLPHENOL, 4-(TRACES)	oral [mg/kg bw/day]	Not required.			
	Inhalation [mg/m <sup>3</sup> ] 10	0.5			
	dermal [mg/kg bw/day]	0.071			
CHLOROBENZENE (TRACES)	oral [mg/kg bw/day]	Not required.			
	Inhalation [mg/m <sup>3</sup> ] 10	42.3		42.3	
	dermal [mg/kg bw/day]	12			

#### PNEC (Predicted No Effect Concentration (PNEC-value))

Substance name	aquatic, freshwater [mg/L]	aquatic, marine water [mg/L]	aquatic, intermittent release [mg/L]	sewage treatment plant [mg/L]	sediment, freshwater [mg/kg sediment dw]	sediment, marine water [mg/kg sediment dw]	soil [mg/kg soil dw]
BISPHENOL A (TRACES)	0.018	0.018	0.011	320	1.2	0.24	3.7
TERT-BUTYLPHENOL, 4-(TRACES)	0.01	0.001	0.048		0.27	0.027	0.25
PHENOL (TRACES)	0.0077	0.00077	0.031	2.1	0.0915	0.00915	0.136
CHLOROBENZENE (TRACES)	≥0.025 - <0.032	≥0.0025 - <0.0032	0.066	1.4	≥0.675 - <0.922	≥0.0675 - <0.0922	≥0.118 - <0.166

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations. Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. Safe handling: see section 7 Technical measures and the application of suitable work processes have priority over personal protection equipment.

### 8.2.2. Personal protection equipment

<b>Eye/face protection</b>	: Eye protection: not required.
<b>Skin protection</b>	
<b>Hand protection</b>	: Hand protection is not required.
<b>Body protection</b>	: Body protection: not required.
<b>Respiratory protection</b>	: Usually no personal respirative protection necessary.

### 8.2.3. Environmental exposure controls

See section 7. No additional measures necessary.

## 8.3. Additional information

No further relevant information available.

# SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	: not applicable
<b>Appearance</b>	: Article
<b>Colour</b>	: various
<b>Odour</b>	: odourless
<b>Odour threshold</b>	: 6.084 mg/m <sup>3</sup> CHLOROBENZENE (TRACES)
<b>pH</b>	: not applicable
<b>Melting point/freezing point</b>	: ≥130 °C - ≤160 °C
<b>Initial boiling point and boiling range</b>	: No information available.
<b>Flash point</b>	: No information available.
<b>Evaporation rate</b>	: not applicable
<b>flammability</b>	: No information available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Upper explosion limit</b>	: not applicable
<b>Lower explosion limit</b>	: not applicable
<b>Vapour pressure</b>	: not applicable
<b>Vapour density</b>	: No information available.
<b>Relative density</b>	: ≥1.2 - ≤1.4 (water=1) (20 °C)
<b>Solubility(ies)</b>	
<b>Water</b>	: not applicable
<b>Partition coefficient n-octanol/water</b>	
BISPHENOL A (TRACES)	: 3.4 - Source: ECHA - Method: OECD 107
TERT-BUTYLPHENOL, 4- (TRACES)	: 3 - Source: ECHA - Method: OECD 117
PHENOL (TRACES)	: 1.5 - Source: GESTIS
CHLOROBENZENE (TRACES)	: 2.84 - Source: GESTIS
<b>Auto-ignition temperature</b>	: 450 °C
<b>Decomposition temperature</b>	: 380 °C
<b>Viscosity</b>	: not applicable
<b>Explosive properties:</b>	: not applicable
<b>Oxidising properties</b>	: not applicable

## 9.2. Other information

<b>Critical temperature Tc</b>	: not applicable
<b>Fat solubility</b>	: No information available.

# SECTION 10: Stability and reactivity

## 10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

## 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

## 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

#### 10.4. Conditions to avoid

Stable under recommended storage and handling conditions.

#### 10.5. Incompatible materials

Oxidising substances

#### 10.6. Hazardous decomposition products

Phenol - Chlorobenzene - 4-tert-butylphenol - bisphenol A - Decomposition products in case of fire: see section 5.

#### 10.7. Additional information

No information available.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Following ingestion : No  
Skin contact : No  
Inhalation : No

Substances	Dose / Concentration	Value	Species	Exposure time	Method
BISPHENOL A (TRACES)					
oral	LD50:	>2000 - ≤5000 mg/kg	Rat		OECD 401
dermal	LD50:	3000 mg/kg	Rabbit		
TERT-BUTYLPHENOL, 4- (TRACES)					
oral	LD50:	>2000 mg/kg	Rat		OECD 401
dermal	LD50:	>2290 mg/kg	Rabbit		
PHENOL (TRACES)					
oral	LD50:	340 mg/kg	Rat		OECD 401
dermal	LD50:	660 mg/kg	Rabbit		OECD 402
CHLOROBENZENE (TRACES)					
oral	LD50:	>2000 mg/kg	Rat		OECD 401
dermal	LD50:	>7940 mg/kg	Rabbit		
Inhalation (vapour)	LC50:	29.7 mg/L	Rat	4 hour(s)	OECD 403

Skin corrosion/irritation : not applicable

Serious eye damage/eye irritation : not applicable

Respiratory or skin sensitisation : not applicable

Germ cell mutagenicity : not applicable

Carcinogenicity : not applicable

Reproductive toxicity : not applicable

STOT-single exposure : not applicable

STOT-repeated exposure : not applicable

Aspiration hazard : not applicable

#### Symptoms

Following inhalation : Prickling sensation. May cause:, sore throat

Following skin contact : Prickling sensation. May cause:, redness

After eye contact : Prickling sensation. May cause:, redness

Following ingestion : Prickling sensation. May cause:, sore throat

## SECTION 12: Ecological information

### 12.1. Toxicity

Substance name	Acute (short-term) fish toxicity	Acute (short-term) toxicity to crustacea	Acute (short-term) toxicity to algae and cyanobacteria	Toxicity to other aquatic plants/organisms
BISPHENOL A (TRACES)	LC50: 4.6 mg/L 96 hour(s) Fish - Source: ECHA - Method: OECD 203 NOEC: 2.26 mg/L 96 hour(s) Fish - Source: ECHA - Method: OECD 203	EC50: 10.2 mg/L 48 hour(s) Daphnia - Source: ECHA	NOEC: 1.36 mg/L 72 hour(s) Algae - Source: ECHA	
TERT-BUTYLPHENOL, 4- (TRACES)	LC50: >1 mg/L 96 hour(s) Fish - Source: ECHA - Method: OECD 203	EC50: 3.9 mg/L 48 hour(s) Daphnia - Source: GESTIS	IC50: 2.4 mg/L 72 hour(s) Algae - Source: ECHA	
PHENOL (TRACES)	LC50: 8.9 mg/L 96 hour(s) Fish - Source: US-EPA	EC50: ≥3.1 - ≤20 mg/L 48 hour(s) Daphnia		
CHLORO BENZENE (TRACES)	LC50: 4.5 mg/L 96 hour(s) Fish - Source: ECHA	EC50: 0.59 mg/L 48 hour(s) Daphnia - Source: ECHA - Method: OECD 202	IC50: 11.4 mg/L 72 hour(s) Algae - Source: ECHA - Method: OECD 201 NOEC: 3.3 mg/L 72 hour(s) Algae - Source: ECHA - Method: OECD 201	

## 12.2. Persistence and degradability

### Biodegradation

- BISPHENOL A (TRACES) : Readily biodegradable (according to OECD criteria). - Source: ECHA - Method: OECD 301F
- TERT-BUTYLPHENOL, 4- (TRACES) : Not readily biodegradable (according to OECD criteria) - Source: ECHA - Method: OECD 301F
- PHENOL (TRACES) : Readily biodegradable (according to OECD criteria). - Source: ECHA - Method: OECD 301C
- CHLORO BENZENE (TRACES) : none - Source: ECHA - Method: OECD 301F

### Chemical oxygen demand (COD)

: No information available.

### Biochemical oxygen demand

: No information available.

### BOD5/COD ratio

: No information available.

## 12.3. Bioaccumulative potential

### Bioconcentration factor (BCF)

- BISPHENOL A (TRACES) : <67 - Source: ECHA
- TERT-BUTYLPHENOL, 4- (TRACES) : ≥34 - ≤240 - Source: LOLI

### Partition coefficient n-octanol/water

- BISPHENOL A (TRACES) : 3.4 - Source: ECHA - Method: OECD 107
- TERT-BUTYLPHENOL, 4- (TRACES) : 3 - Source: ECHA - Method: OECD 117
- PHENOL (TRACES) : 1.5 - Source: GESTIS
- CHLORO BENZENE (TRACES) : 2.84 - Source: GESTIS

## 12.4. Mobility in soil

No information available.

## 12.5. Results of PBT and vPvB assessment

No information available.

## 12.6. Other adverse effects

No information available.

## 12.7. Additional ecotoxicological information

Observe local regulations concerning effluent treatment.

# SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Waste should not be disposed of by release to water, drainage, sewer, or the ground. Disposal should be in accordance with applicable regional, national and local laws and regulations.



Other disposal recommendations : not applicable

## SECTION 14: Transport information

### 14.1. UN number

No dangerous good in sense of these transport regulations.

### 14.2. UN proper shipping name

No dangerous good in sense of these transport regulations.

### 14.3. Transport hazard class(es)

No dangerous good in sense of these transport regulations.

### 14.4. Packing group

No dangerous good in sense of these transport regulations.

### 14.5. Environmental hazards

Marine pollutant : No

### 14.6. Special precautions for user

No dangerous good in sense of these transport regulations.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available.

## SECTION 15: Regulatory information

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

#### International regulations:

Minamata Convention on Mercury : not applicable

#### EU legislation

##### Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]

PHENOL (TRACES) : H2  
CHLOROBENZENE (TRACES) : P5a, P5b, P5c, E2

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH:

BISPHENOL A (TRACES)  
TERT-BUTYLPHENOL, 4- (TRACES)

This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH:

not applicable

#### **Overall Assessment on CMR properties**

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

BISPHENOL A (TRACES) : Repr. 1B

#### **Regulation (EC) No 850/2004 [POP-Regulation]**

not applicable

**Regulation (EC) No. 2037/2000 concerning materials, which cause damage to the ozone layer.**

not applicable

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Observe employment restrictions under the Maternity Protection Directive 92/85/EEC or stricter national regulations, if applicable.

### 15.2. Chemical Safety Assessment

No information available.

## SECTION 16: Other information

### Additional information

WToxic dust may be released during the processing of this material.

### Relevant H-phrases (Number and full text)

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H360F	May damage fertility.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

### Abbreviations and acronyms

ACGIH®	American Conference of Governmental Industrial Hygienists
ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
AICS	Australian Inventory of Chemical Substances
BuAc	n-Butyl acetate
CAS	Chemical Abstracts Service
CCID	New Zealand Chemical Classification and Information Database
DSL	Canada Domestic Substances List
ECHA-RAC	ECHA Committee for Risk Assessment
EFSA	European Food Safety Authority
EHSP	OECD Environment, Health, and Safety Publication
EmS	Emergency Schedule
EU-CLH	European Union Harmonised Classification and Labelling
GESTIS	Databases on hazardous substances of the German Social Accident Insurance
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
GWBB-VLEP	Grenswaarden voor beroepsmatige blootstelling/Valeurs limites d'exposition professionnelle
HHS	U.S. Department of Health and Human Services
HSDB	Hazardous Substances Data Bank
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INRS	French National Research and Safety Institute for the Prevention of Occupational Accidents and Diseases
JP-GHS	Japan GHS Basis for Classification Data
KHC	Known human carcinogens.
LEL	Lower explosion limit
LOLI	LOLI (List of Lists) Database
n.a.	not applicable
NDSL	Canada Non-domestic Substance List
NICNAS	Australia National Industrial Chemicals Notification and Assessment Scheme
NIER	South Korea National Institute of Environmental Research Evaluations
NLM	United States National Library of Medicine
NTP	National Toxicology Program
NZIoC	New Zealand Inventory of Chemicals
OECD	Organisation for Economic Co-operation and Development
OSHA	Occupational Safety & Health Administration
OUE	European Odour Unit
RAHC	Reasonably Anticipated Human Carcinogen
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SCOEL	Scientific Committee on Occupational Exposure Limits (EU)
SIDS	OECD Screening Information Data Sets
SUVA	Swiss Accident Insurance Fund
TRGS	Technische Regeln für Gefahrstoffe
TSCA	The Toxic Substances Control Act Chemical Substance Inventory
TWA	Time Weighted Average
UEL	Upper explosion limit
UN	United Nations
US-EPA	United States Environmental Protection Agency

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