

# **Safety Data Sheet**

# **SOFT CARE DES E SPRAY H5**

**Revision:** 2022-03-30 **Version:** 03.0

# SECTION 1: Identification of the substance/mixture and supplier

#### 1.1 Product identifier

Product name: SOFT CARE DES E SPRAY H5

#### 1.2 Recommended use and restrictions on use

Identified uses: Hand sanitiser

Restrictions of use:

Uses other than those identified are not recommended

#### 1.3 Details of the supplier

Diversey Australia Pty. Limited 29 Chifley St, Smithfield, NSW, 2164 1-7 Bell Grove, Braeside, VIC 3195 Telephone: 1800 647 779 (toll free) Email: aucustserv@diversey.com

Website: diversey.com.au

#### 1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible) Call 1800 033 111 (24hrs)

# **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Flammable liquids, Category 2 Eye irritation, Category 2A

#### 2.2 Label elements



Signal word: Danger

#### Hazard statements:

H225 - Highly flammable liquid and vapour.

H319 - Causes serious eye irritation.

#### Prevention statement(s):

P102 - Keep out of reach of children.

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

P233 - Keep container tightly closed.

P235 - Keep cool.

P243 - Take action to prevent static discharges.

P262 - Do not get in eyes.

### Response statement(s):

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

P370 + P378 - In case of fire: Use CO2, dry chemical, or foam to extinguish.

### Storage statement(s):

P403 - Store in a well-ventilated place.

#### Disposal statement(s):

P501 - Dispose of unused content as chemical waste.

#### 2.3 Other hazards

No other hazards known.

# SECTION 3: Composition/information on ingredients

#### 3.1 Substances / Mixtures

Ingredient(s)	CAS number	EC number	Weight percent
ethanol	64-17-5	200-578-6	>= 70
propan-2-ol	67-63-0	200-661-7	3-10
glycerol	56-81-5	200-289-5	1-3

Non-hazardous ingredients are the remainder and add up to 100%.

Workplace exposure limit(s), if available, are listed in subsection 8.1.

# **SECTION 4: First aid measures**

4.1 Description of first aid measures

Inhalation: Get medical attention or advice if you feel unwell.

Skin contact: If skin irritation occurs: Get medical advice or attention.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Ingestion: Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious

person. Get medical attention or advice if you feel unwell.

Self-protection of first aider: Consider personal protective equipment as indicated in subsection 8.2.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:No known effects or symptoms in normal use.Skin contact:No known effects or symptoms in normal use.Eye contact:No known effects or symptoms in normal use.Ingestion:No known effects or symptoms in normal use.

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

Poison Information Center: Call 13 11 26 (Australia Wide).

# **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

# 5.2 Special hazards arising from the substance or mixture

No special hazards known.

#### 5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

#### 5.4 Hazchem code

- •2YE
- •2 Alcohol resistant foam is the preferred firefighting medium but, if it is not available, fine water spray can be used.
- Y Full fire kit and breathing apparatus. Contain.
- E People should be warned to stay indoors with all doors and windows closed, but evacuation may need to be considered.

### SECTION 6: Accidental release measures

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

Turn off all sources of ignition. Ventilate the area. Wear suitable protective clothing. Wear eye/face protection.

#### 6.2 Environmental precautions

Dilute with plenty of water. Do not allow to enter drainage system, surface or ground water.

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

Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

#### 6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

# SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

#### Measures to prevent fire and explosions:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use explosion-proof electrical, ventilating or lighting equipment. Use non-sparking tools.

#### Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

#### Advices on general occupational hygiene:

Follow general hygiene considerations recognised as common good workplace practices. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Do not mix with other products unless adviced by Diversey. Take off immediately all contaminated clothing. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

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

Store in accordance with local and national regulations. Store in a well-ventilated place. Store in a closed container. Keep only in original packaging. Keep out of reach of children. Keep from freezing. Keep cool. Keep away from heat and direct sunlight. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

#### 7.3 Specific end use(s)

No specific advice for end use available.

# SECTION 8: Exposure controls/personal protection

# 8.1 Control parameters Workplace exposure limits

Air limit values, if available:

Ingredient(s)	Long term value(s) (TWA)	Short term value(s) (STEL)	Peak value(s)
ethanol	1000 ppm		
	1880 mg/m <sup>3</sup>		
propan-2-ol	400 ppm	500 ppm	
	983 mg/m <sup>3</sup>	1230 mg/m <sup>3</sup>	
glycerol	10 mg/m <sup>3</sup>		

Biological limit values, if available:

#### 8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section.

Recommended safety measures for handling the <u>undiluted</u> product:

Appropriate engineering controls: No special requirements under normal use conditions. Appropriate organisational controls: No special requirements under normal use conditions.

Personal protective equipment

Eye / face protection:No special requirements under normal use conditions.Hand protection:No special requirements under normal use conditions.Body protection:No special requirements under normal use conditions.Respiratory protection:No special requirements under normal use conditions.

Environmental exposure controls: Should not reach sewage water or drainage ditch undiluted or unneutralised.

# SECTION 9: Physical and chemical properties

# 9.1 Information on basic physical and chemical properties

Method / remark

Physical state: Liquid
Colour: Clear , Colourless
Odour: Product specific
Odour threshold: Not applicable

**pH**: ≈ 7 (neat) ISO 4316

Melting point/freezing point (°C): Not determined Not relevant to classification of this product

Initial boiling point and boiling range (°C): Not determined

Flammability (liquid): Flammable. Flash point (°C): < 21 °C

Sustained combustion: The product sustains combustion

(UN Manual of Tests and Criteria, section 32, L.2)

closed cup

OECD 109 (EU A.3)

Not relevant to classification of this product

Evaporation rate: Not determined Not relevant to classification of this product

Flammability (solid, gas): Not applicable to liquids

Lower and upper explosion limit/flammability limit (%): Not determined

Vapour pressure: Not determined Relative vapour density No data available

Relative density: ≈ 0.86 (20 °C)

Solubility in / Miscibility with Water: Fully miscible

Partition coefficient: n-octanol/water No information available.

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Autoignition temperature: Not determined Decomposition temperature: Not applicable.

Viscosity: Not determined

Explosive properties: Not explosive. Vapours may form explosive mixtures with air.

Oxidising properties: Not oxidising.

9.2 Other information

Surface tension (N/m): Not determined Corrosion to metals: Not corrosive

# SECTION 10: Stability and reactivity

#### 10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

#### 10.2 Chemical stability

Stable under normal storage and use conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

#### 10.4 Conditions to avoid

Take action to prevent static discharges.

# 10.5 Incompatible materials

None known under normal use conditions.

### 10.6 Hazardous decomposition products

None known under normal storage and use conditions.

# SECTION 11: Toxicological information

# 11.1 Information on toxicological effects

Mixture data:.

# Relevant calculated ATE(s):

ATE - Oral (mg/kg): >2000

Substance data, where relevant and available, are listed below:.

#### Acute toxicity

Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
ethanol	LD 50	5000	Rat	OECD 401 (EU B.1)	
propan-2-ol	LD 50	5840	Rat	OECD 401 (EU B.1)	

glycerol	LD 50	12600	Mouse	Method not given	

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
ethanol	LD 50	> 10000	Rabbit	OECD 402 (EU B.3)	
propan-2-ol	LD 50	> 2000	Rabbit	Method not given	
glycerol	LD 50	> 10000	Rabbit	Method not given	

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
ethanol	LC 50	> 1800	Rat	Non guideline test	4
propan-2-ol	LC 50	> 25 (vapour)	Rat	OECD 403 (EU B.2)	6
glycerol		> 2.75	Rat	Weight of evidence	4 Hrs.

# Irritation and corrosivity Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
ethanol	Not irritant	Rabbit	OECD 404 (EU B.4)	
propan-2-ol	Not irritant	Rabbit	OECD 404 (EU B.4)	
glycerol	Not irritant		OECD 404 (EU B.4)	

Eye irritation and corrosivity

Lyc initiation and corresivity				
Ingredient(s)	Result	Species	Method	Exposure time
ethanol	Irritant	Rabbit	OECD 405 (EU B.5)	
propan-2-ol	Irritant	Rabbit	OECD 405 (EU B.5)	
glycerol	Not corrosive or irritant		Method not given	

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
ethanol	No data available			
propan-2-ol	No data available			
glycerol	No data available			

**Sensitisation**Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
ethanol	Not sensitising			
propan-2-ol	Not sensitising	Guinea pig	OECD 406 (EU B.6) /	
			Buehler test	
glycerol	Not sensitising	Human	Human repeated patch	
·			test	

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
ethanol	No data available			
propan-2-ol	No data available			
glycerol	No data available			

# CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
ethanol	No data available		No data available	(111-4140)
propan-2-ol	No evidence for mutagenicity, negative test results No evidence of genotoxicity, negative test results		No evidence of genotoxicity, negative test results	OECD 474 (EU B.12)
glycerol	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13)	No data available	

Carcinogenicity

Ingredient(s)	Effect
ethanol	No data available
propan-2-ol	No evidence for carcinogenicity, negative test results

glycerol	No evidence for carcinogenicity, negative test results

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
						unic	reported
ethanol			No data				
			available				
propan-2-ol			No data				
			available				
glycerol			No data				Not toxic for reproduction
			available				

Repeated dose toxicity
Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
ethanol		No data				
		available				
propan-2-ol		No data				
		available				
glycerol		No data				
		available				

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value	Species	Method	Exposure	Specific effects and organs
		(mg/kg bw/d)			time (days)	affected
ethanol		No data				
		available				
propan-2-ol		No data				
·		available				
glycerol		No data				
		available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value	Species	Method		Specific effects and organs
		(mg/kg bw/d)			time (days)	affected
ethanol		No data				
		available				
propan-2-ol		No data				
		available				
glycerol		No data				
		available				

Chronic toxicity

Ingredient(s)	Exposure	Endpoint	Value	Species	Method	Exposure	Specific effects and	Remark
	route		(mg/kg bw/d)			time	organs affected	
ethanol			No data					
			available					
propan-2-ol			No data					
			available					
glycerol			No data					
0,7			available					

STOT-single exposure

erer engle expectit	
Ingredient(s)	Affected organ(s)
ethanol	No data available
propan-2-ol	Central nervous system
glycerol	No data available

STOT-repeated exposure

G. G. Topodiod expectato	
Ingredient(s)	Affected organ(s)
ethanol	No data available
propan-2-ol	No data available
glycerol	No data available

 $\begin{tabular}{lll} \textbf{Aspiration hazard} \\ \textbf{Substances with an aspiration hazard (H304), if any, are listed in section 3.} \end{tabular}$ 

# Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

# **SECTION 12: Ecological information**

# 12.1 Toxicity

No data is available on the mixture.

Substance data, where relevant and available, are listed below:

# Aquatic short-term toxicity Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
ethanol	LC 50	8150	Alburnus alburnus	Method not given	96
propan-2-ol	LC 50	> 100	Pimephales promelas	Method not given	48
glycerol	LC 50	54000	Oncorhynchus mykiss	Method not given	96

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
ethanol	EC 50	9268 - 14221	Daphnia magna Straus	Method not given	48
propan-2-ol	EC 50	> 100	Daphnia magna Straus	Method not given	48
glycerol	EC 50	> 10000	Daphnia magna Straus	Method not given	24

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
ethanol	EC <sub>0</sub>	5000	Scenedesmus quadricauda	Method not given	168
propan-2-ol	EC 50	> 100	Scenedesmus quadricauda	Method not given	72
glycerol		No data available			

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
ethanol		No data			
		available			
propan-2-ol		No data			
		available			
glycerol		No data			
		available			

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
ethanol	EC o	6500	Pseudomonas putida	Method not given	16 hour(s)
propan-2-ol	EC 50	> 1000	Activated sludge	Method not given	
glycerol	EC 50	> 10000	Pseudomonas putida	Method not given	16 hour(s)

# Aquatic long-term toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
ethanol		No data available				
propan-2-ol		No data available				
glycerol		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
ethanol		No data				
		available				
propan-2-ol		No data				

	propan-2-ol	No data available					
	Ingredient(s)	Half-life time	Meth	od	Evaluati	on	Remark
iotic degr		if available					
.2 Persiste	ence and degradability						
			available				
	propan-2-ol		soil) No data				
	ingredient(s)	Enupoint	(mg/kg dw	Opecies	WELLIOU	time (days)	Lifects observed
errestrial toxic	city - soil bacteria, if available: Ingredient(s)	Endpoint	Value	Species	Method	Exposure	Effects observed
			available				
	propan-2-ol		soil) No data				
	mgrodiom(o)	Liiupoiiit	(mg/kg dw	Opoolog	motriou	time (days)	Enoted objectived
errestrial toxic	city - beneficial insects, if avai Ingredient(s)	lable: Endpoint	Value	Species	Method	Exposure	Effects observed
			available				
	propan-2-ol		No data			time (days)	
	Ingredient(s)	Endpoint	Value	Species	Method	Exposure	Effects observed
rrestrial toxic	city - birds, if available:						
		1	avanabic	1	<u> </u>		
	propan-2-ol		No data available				
			(mg/kg dw soil)			time (days)	
	Ingredient(s)	Endpoint	Value	Species	Method	Exposure	Effects observed
rrestrial toxic	city - plants, if available:						
	propan-2-ol		No data available				
			soil)			(, 3)	
	Ingredient(s)	Endpoint	Value (mg/kg dw	Species	Method	Exposure time (days)	Effects observed
	city - soil invertebrates, includ						
errestrial to	oxicity						
				1	1		
	propan-2-ol		No data available				
			sediment)			(,.)	
	Ingredient(s)	Endpoint	Value (mg/kg dw	Species	Method	Exposure time (days)	Effects observed
quatic toxicity	to other aquatic benthic orga					1-	
	giyceroi		available				
	glycerol		available No data			+ +	

Abiotic degradation - hydrolysis, if available:

Ingredient(s)	Half-life time in fresh water	Method	Evaluation	Remark
propan-2-ol	No data available			

Abiotic degradation - other processes, if available:

	o. p. cocooo, o. o. o				
Ingredient(s)	Type	Half-life time	Method	Evaluation	Remark
propan-2-ol		No data available			

Biodegradation

Peady biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT 50	Method	Evaluation
ethanol	Activated sludge, aerobe		> 60% in 10 day(s)	OECD 301B	Readily biodegradable
propan-2-ol			95 % in 21 day(s)	OECD 301E	Readily biodegradable
glycerol			60% in 28 day(s)	Method not given	Readily biodegradable

Ready biodegradability - anaerobic and marine conditions, if available:

Troady bloadgradability and or obload marine conditions, if available.						
Ingredient(s)	Medium & Type	Analytical	DT 50	Method	Evaluation	

	method		
propan-2-ol			No data available

Degradation in relevant environmental compartments, if available:

Ingredient(s)	Medium & Type	Analytical method	DT 50	Method	Evaluation
propan-2-ol					No data available

#### 12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
ethanol	-0.31	Weight of evidence	No bioaccumulation expected	
propan-2-ol	0.05	OECD 107	No bioaccumulation expected	
glycerol	-1.76	Method not given	No bioaccumulation expected	

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
ethanol	3.16			Not relevant, does not	
				bioaccumulate	
propan-2-ol	No data available				
glycerol	No data available				

#### 12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
ethanol	No data available				
propan-2-ol	No data available				Potential for mobility in soil, soluble in water
glycerol	No data available				Potential for mobility in soil, soluble in water

#### 12.5 Other adverse effects

No other adverse effects known.

# **SECTION 13: Disposal considerations**

13.1 Waste treatment methods

Waste from residues / unused products:

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

**Empty packaging** 

Dispose of observing national or local regulations. Recommendation: Water, if necessary with cleaning agent. Suitable cleaning agents:

# SECTION 14: Transport information



# ADG, IMO/IMDG, ICAO/IATA

14.1 UN number: 1170

14.2 UN proper shipping name:

Ethanol solution (ethyl alcohol solution) (ethanol)

14.3 Transport hazard class(es):

Transport hazard class (and subsidiary risks): 3

14.4 Packing group: II

14.5 Environmental hazards:

Environmentally hazardous: No

Marine pollutant: No

14.6 Special precautions for user: None known.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: The product is not transported in bulk tankers.

Other relevant information: Hazchem code: •2YE

**ADR IMO/IMDG** 

EmS: F-E, S-D

The product has been classified, labelled and packaged in accordance with the requirements of ADG7.7 Code and the provisions of the IMDG Code.

Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

# **SECTION 15: Regulatory information**

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

Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by **National regulations** 

Safework Australia.

Poison schedule A poison schedule number has not been allocated to this product using the criteria in the Standard

for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Classification Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by

Safework Australia.

Australian Inventory of Industrial Chemicals: All components are listed on the inventory, or are Inventory listing(s)

exempt.

# SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

**SDS code:** MS31001150 Version: 03.0 Revision: 2022-03-30

#### Additional information:

Respirators: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

Work practices - solvents: Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

Exposure standards - Time Weighted Average (TWA) or Workplace Exposure Standard (WES) (NZ): Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

Personal protective equipment guidelines: The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Health effects from exposure: It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Safety Data Sheet which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

#### Abbreviations and acronyms:

- ATE Acute Toxicity Estimate
- AUH Non GHS hazard statement
- DNEL Derived No Effect Limit
- EC No. European Community Number EC50 effective concentration, 50%

- LC50 Lethal Concentration, 50% / Median Lethal Concentration
  LD50 Lethal Dose, 50% / Median Lethal dose
  NOAEL No observed adverse effect level
  NOEL No observed effect level
  OECD Organisation for Economic Cooperation and Development
  PNEC Predicted No Effect Concentration
  STOT-RE Specific target organ toxicity (repeated exposure)
  STOT-SE Specific target organ toxicity (single exposure)

**End of Safety Data Sheet**