

This industrial Safety Data Sheet is not intended for consumers and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

1.3	n Revision Date: 27.03.2025		S Number: 0000002766	Date of last issue: 10.02.2020 Date of first issue: 03.11.2017		
Section	n 1: Identification					
Pro	oduct name	:	COLGATE NEUT TOOTHPASTE S	RAFLUOR 5000 PROFESSIONAL ENSITIVE		
Pro	oduct code		B06709550004 200000050814			
Manufacturer or supplier's details						
Ad	ldress	:	Colgate-Palmoliv 105 Carlton Gore Newmarket Auckland 1023, N	Rd		
Те	lephone	:	CONSUMER AFI	FAIRS: - NZ 0800 441 740 (Mon – Fri 9 - 7)		
En	nergency telephone number	:		EC- +1 703-741-5970 v Zealand +(64)-98010034		
	Recommended use of the chemical and restrictions on use Recommended use : Dentifrice. Section 2: Hazard identification					
Section	n 2: Hazard identification					
G I Se	n 2: Hazard identification HS Classification erious eye damage/eye irri- ion	:	Category 2			
GH Se tat	HS Classification prious eye damage/eye irri-	:	Category 2			
GH Se tat GH Ha	HS Classification erious eye damage/eye irri- ion HS label elements	:	Category 2			
GH Se tat GH Ha Sių	HS Classification erious eye damage/eye irri- ion HS label elements azard pictograms	:	Warning	rious eye irritation.		
GH Se tat Ha Siq Ha	HS Classification erious eye damage/eye irri- ion HS label elements azard pictograms	:	Warning H319 Causes set Prevention: P264 Wash skin	rious eye irritation. thoroughly after handling. protection/ face protection.		



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Version	Revision Date: 27.03.2025	SDS Number:	Date of last issue: 10.02.2020
1.3		66000002766	Date of first issue: 03.11.2017
		for several mir easy to do. Co	+ P338 IF IN EYES: Rinse cautiously with water nutes. Remove contact lenses, if present and ontinue rinsing. If eye irritation persists: Get medical advice/ at-

Other hazards which do not result in classification None known.

None known.

Section 3: Composition/information on ingredients

Components

Chemical name	CAS-No.	Concentration (% w/w)
Hydrated Silica	112926-00-8	>= 10 -< 20
SODIUM LAURYL SULFATE	151-21-3	>= 1 -< 3
Sodium Fluoride	7681-49-4	>= 1 -< 3
Anethole	104-46-1	>= 0.1 -< 1
TRANS-MENTHONE	89-80-5	>= 0.1 -< 1

Section 4: First-aid measures

General advice	:	If poisoning occurs, immediately contact a doctor or Poisons Information Centre (Phone Australia 131126; New Zealand 0800 764 766), and follow the advice given.
If inhaled	:	If unconscious, place in recovery position and seek medical advice.
In case of skin contact	:	If symptoms persist, call a physician. If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	:	Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye.
If swallowed	:	Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. Keep respiratory tract clear. Administer milk but do not induce vomiting.
Most important symptoms	:	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Causes serious eye irritation.
and effects, both acute and delayed Notes to physician	:	Treat symptomatically.

Section 5: Fire-fighting measures



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Vers 1.3	ion	Revision Date: 27.03.2025		05 Number: 0000002766	Date of last issue: 10.02.2020 Date of first issue: 03.11.2017	
	Suitable	e extinguishing media	:		measures that are appropriate to local cir- he surrounding environment.	
	Unsuita media	able extinguishing	:	High volume wate	r jet	
	Hazard ucts	ous combustion prod-	:	No hazardous cor	nbustion products are known	
	Specific ods	c extinguishing meth-	:	Standard procedu	re for chemical fires.	
	ods Special protective equipment for firefighters		:	Wear self-contained breathing apparatus for firefighting if nec- essary.		
Sect	tion 6: /	Accidental release me	easi	ures		
	tive equ	al precautions, protec- uipment and emer- procedures	:	Use personal prot	ective equipment.	
	Enviror	mental precautions	:	Prevent further lea	akage or spillage if safe to do so.	
		ls and materials for ment and cleaning up	:	acid binder, unive	absorbent material (e.g. sand, silica gel, rsal binder, sawdust). closed containers for disposal.	

Section 7: Handling and storage

Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Advice on safe handling	:	Do not breathe vapours/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the ap- plication area. Dispose of rinse water in accordance with local and national regulations.
Hygiene measures	:	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.
Conditions for safe storage	:	
		3 / 15



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Version	Revision Date:	SDS Number:	Date of last issue: 10.02.2020
1.3	27.03.2025	660000002766	Date of first issue: 03.11.2017
	ner information on stor- stability	place. Electrical install the technologica	tightly closed in a dry and well-ventilated ations / working materials must comply with al safety standards. on if stored and applied as directed.

Section 8: Exposure controls/personal protection

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis		
Hydrated Silica	112926-00-8	WES-TWA	10 mg/m3	NZ OEL		
Sodium Fluoride	7681-49-4	WES-TWA	2.5 mg/m3 (Fluorine)	NZ OEL		
	Further information: Exposure can also be estimated by biologica monitoring					
		TWA	2.5 mg/m3 (Fluorine)	ACGIH		

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sam- pling time	Permissible concentra- tion	Basis
Sodium Fluoride	7681-49-4	Fluoride (Fluorine)	Urine	Prior to shift	2 mg/l	NZ BEI
		Fluoride (Fluorine)	Urine	End of shift	3 mg/l	NZ BEI
		Fluoride (Fluorine)	Urine	Prior to shift (16 hours after exposure ceases)	2 mg/l	ACGIH BEI
		Fluoride (Fluorine)	Urine	End of shift (As soon as possible after exposure ceases)	3 mg/l	ACGIH BEI

Personal protective equipment

Respiratory protection

: No personal respiratory protective equipment normally required.

Hand protection

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Version 1.3	Revision Date: 27.03.2025	SDS Number: 660000002766	Date of last issue: 10.02.2020 Date of first issue: 03.11.2017
Re	emarks		for a specific workplace should be discussed cers of the protective gloves.
Eye protection		: Eye wash both Tightly fitting s	eld and protective suit for abnormal processing
Skin a	and body protection	: İmpervious clo Choose body	othing protection according to the amount and con- he dangerous substance at the work place.

Section 9: Physical and chemical properties

Appearance	:	gel
Colour	:	green
Odour	:	No data available
рН	:	7.4 - 8.4
Melting point/ range	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Density	:	No data available
Solubility(ies) Solubility in other solvents	:	No data available
Partition coefficient: n-	:	No data available
octanol/water Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity Viscosity, kinematic	:	No data available



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Partic	le characteristics			

Particle size :

: No data available

Section 10: Stability and reactivity

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reac-	:	No decomposition if stored and applied as directed.
tions		
Conditions to avoid	:	No data available
Incompatible materials	:	Not applicable
Hazardous decomposition products	:	No hazardous decomposition products are known.

Section 11: Toxicological information

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity	:	Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method
Acute dermal toxicity	:	Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method
Components:		
Hydrated Silica:		
Acute oral toxicity	:	LD50 (Rat): > 22,500 mg/kg Method: No information available.
Acute inhalation toxicity	:	Remarks: No data available
Acute dermal toxicity	:	Remarks: No data available
SODIUM LAURYL SULFATE	:	
Acute oral toxicity	:	LD50 (Rat): 977 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	:	Remarks: No data available
Acute dermal toxicity	:	LD50 (Rabbit): > 2,000 mg/kg Method: OECD Test Guideline 402



COLGATE NEUTRAFLUOR 5000 PROFESSIONAL TOOTHPASTE SENSITIVE

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sion	Revision Date: 27.03.2025		S Number: 0000002766	Date of last issue: 10.02.2020 Date of first issue: 03.11.2017
Sodiu	ım Fluoride:			
Acute	oral toxicity	:	LD50 (Rat): 177	- 272 mg/kg
Acute	inhalation toxicity	:	Remarks: No da	ta available
Acute	dermal toxicity	:	LD50 (Rat): > 2, Method: OECD	000 mg/kg Fest Guideline 402
Aneth	nole:			
Acute	oral toxicity	:	LD50 (Rat): 3,00	10 mg/kg
Acute	inhalation toxicity	:	Remarks: No da	ta available
Acute	dermal toxicity	:	Remarks: No da	ta available
TRAN	IS-MENTHONE:			
Acute	inhalation toxicity	:	Remarks: No da	ta available
Acute	dermal toxicity	:	LD50 (Rabbit): > Method: No infor	5,000 mg/kg mation available.
	dermal toxicity corrosion/irritation	:		
Skin o			Method: No infor	
Skin d Not cl	corrosion/irritation		Method: No infor	
Skin o Not cl <u>Comp</u> Hydra	corrosion/irritation assified based on ava <u>conents:</u> ated Silica:	ailable i	Method: No infor	mation available.
Skin o Not cl <u>Comp</u>	corrosion/irritation assified based on ava <u>conents:</u> ated Silica:	ailable i	Method: No infor	mation available.
Skin o Not cl Comp Hydra Rema	corrosion/irritation assified based on ava <u>conents:</u> ated Silica:	ailable i :	Method: No infor	mation available.
Skin o Not cl Comp Hydra Rema	corrosion/irritation assified based on ava <u>ponents:</u> ated Silica: urks UM LAURYL SULFA	ailable i : TE:	Method: No infor	mation available.
Skin o Not cl Comp Hydra Rema SODII Specie Expos	corrosion/irritation assified based on ava <u>conents:</u> ated Silica: arks UM LAURYL SULFA es sure time	ailable i : TE: :	Method: No infor information. No data available Rabbit 24 h	mation available.
Skin o Not cl Comp Hydra Rema Sopol Specie Expos Asses	corrosion/irritation assified based on ava <u>conents:</u> ated Silica: arks UM LAURYL SULFA es sure time ssment	ailable i : TE: :	Method: No infor information. No data available Rabbit 24 h irritating	mation available. e
Skin o Not cl Comp Hydra Rema Sopoli Specie Expos Asses Metho	corrosion/irritation assified based on ava <u>conents:</u> ated Silica: urks UM LAURYL SULFA es sure time ssment od	ailable i : TE: : :	Method: No infor information. No data available Rabbit 24 h irritating OECD Test Guid	mation available. e
Skin o Not cl Comp Hydra Rema Sopol Specie Expos Asses	corrosion/irritation assified based on ava <u>conents:</u> ated Silica: urks UM LAURYL SULFA es sure time ssment od	ailable i : TE: : :	Method: No infor information. No data available Rabbit 24 h irritating	mation available. e
Skin o Not cl Comp Hydra Rema SODIU Specia Expos Asses Metho Resul Sodiu	corrosion/irritation assified based on ava <u>ponents:</u> ated Silica: arks UM LAURYL SULFA es sure time asment od t um Fluoride:	ailable i : TE:	Method: No infor information. No data available 24 h irritating OECD Test Guid irritating	mation available. e deline 404
Skin o Not cl Comp Hydra Rema Sopoli Specia Expos Asses Metho Resul	corrosion/irritation assified based on ava <u>ponents:</u> ated Silica: arks UM LAURYL SULFA es sure time asment od t um Fluoride:	ailable i : TE:	Method: No infor information. No data available Rabbit 24 h irritating OECD Test Guid	mation available. e deline 404
Skin o Not cl Comp Hydra Rema SODIU Specia Expos Asses Metho Resul Sodiu	corrosion/irritation assified based on ava <u>ponents:</u> ated Silica: urks UM LAURYL SULFA es sure time asment od t im Fluoride: t	ailable i : TE: : : :	Method: No infor information. No data available Rabbit 24 h irritating OECD Test Guid irritating Severe skin irrita	mation available. e deline 404
Skin o Not cl Comp Hydra Rema SODII Specie Expos Asses Metho Resul Sodiu Resul	corrosion/irritation assified based on ava <u>ponents:</u> ated Silica: arks UM LAURYL SULFA es sure time ssment od t um Fluoride: t arks	ailable i : TE: : : :	Method: No infor information. No data available Rabbit 24 h irritating OECD Test Guid irritating Severe skin irrita	mation available. e deline 404



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Vers 1.3	sion	Revision Date: 27.03.2025		OS Number: 0000002766	Date of last issue: 10.02.2020 Date of first issue: 03.11.2017
	Remar	ks	:	May cause skin ir	ritation and/or dermatitis.
	TRANS Result	S-MENTHONE:	:	Irritating to skin.	
		s eye damage/eye irr	itati	on	
		onents: :ed Silica: ks	:	No data available	
	SODIU Result	IM LAURYL SULFATE	:	Irreversible effect	s on the eye
	Remar	ks	:	May cause irreve	rsible eye damage.
		n Fluoride:			
	Result		:	Irritation to eyes,	reversing within 21 days
	Remar	ks	:	May cause irreve	rsible eye damage.
	Aneth	ole:			
	Result		:	No eye irritation	
	Remar	ks	:	Vapours may cau and the skin.	se irritation to the eyes, respiratory system
	TRAN	S-MENTHONE:			
	Result		:	No eye irritation	
	Respir	atory or skin sensitis	atio	on	
	Skin s	ensitisation			
	Not cla	ssified based on availa	able	information.	
	-	atory sensitisation ssified based on availa	able	information.	
	Comp	onents:			
	Hydra	ed Silica:			
	Exposi Remar	ure routes ks	:	Inhalation No data available	
				8 / 15	



COLGATE NEUTRAFLUOR 5000 PROFESSIONAL TOOTHPASTE SENSITIVE

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Version 1.3	Revision Date: 27.03.2025	SDS Number:Date of last issue: 10.02.2020660000002766Date of first issue: 03.11.2017
Expo Rema	sure routes arks	: Dermal : No data available
SOD		E:
Expo Rema	sure routes arks	: Inhalation : No data available
Expo Resu	sure routes It	DermalDoes not cause skin sensitisation.
Sodi	um Fluoride:	
Expo Resu	sure routes It	InhalationDoes not cause respiratory sensitisation.
Expo Resu	sure routes It	DermalDoes not cause skin sensitisation.
Anet	hole:	
Expo Rema	sure routes arks	: Inhalation : No data available
Expo Resu	sure routes It	: Dermal : The product is a skin sensitiser, sub-category 1B.
Rema	arks	: Causes sensitisation.
TRAI	NS-MENTHONE:	
	sure routes	: Inhalation : No data available
Expo Resu	sure routes It	DermalMay cause sensitisation by skin contact.
Chro	nic toxicity	
	n cell mutagenicity	
Not c	lassified based on ava	lable information.
<u>Com</u>	ponents:	
SOD	UM LAURYL SULFA	E:
Genc	otoxicity in vitro	 Test Type: reverse mutation assay Test system: Escherichia coli Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471

9/15



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/ersion 1.3	Revision Date: 27.03.2025		0S Number: 0000002766	Date of last issue: 10.02.2020 Date of first issue: 03.11.2017
			Result: negative	
0	4 · · · · · · · · ·		-	
Genc	otoxicity in vivo	:	Application Route	male and female)
	inogenicity lassified based on avail	able	information.	
-	oductive toxicity	able	information.	
<u>Com</u>	ponents:			
Sodi	um Fluoride:			
Effec	ts on fertility	:	Remarks: No data	a available
Effec ment	ts on foetal develop-	:	Remarks: No data	a available
	T - single exposure classified based on avail	able	information.	
	T - repeated exposure lassified based on avail	able	information.	
Repe	eated dose toxicity			
<u>Com</u>	ponents:			
SOD	IUM LAURYL SULFAT	E:		
Spec	ies	:	Rat 488 mg/kg	
Appli	cation Route	:	Oral	
Spec	ies	:	Mouse 488 mg/kg	
Appli	cation Route	:	Dermal	
Aspi	ration toxicity			
-	lassified based on avail	able	information.	
Furth	ner information			
Prod	uct:			
Rema	arks	:	formula was revie	not been tested as a whole. However, this wed by expert toxicologists in the Product Department of Colgate-Palmolive and is

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Version	Revision Date: 27.03.2025	SDS Number:	Date of last issue: 10.02.2020
1.3		66000002766	Date of first issue: 03.11.2017
		taken into cons including inforr	be safe for its intended use. This review has sideration available safety-related information nation on individual ingredients, similar formu-

including information on individual ingredients, similar formulas and potential ingredient interactions. This review is a component of the hazard determination used to prepare the statements in Section 2 of the SDS.

Section 12: Ecological information

-		
Ecotoxicity		
Components:		
Hydrated Silica:		
Toxicity to fish	:	LC50 (Cyprinus carpio (Carp)): > 10,000 mg/l Exposure time: 72 h
Toxicity to daphnia and other aquatic invertebrates	:	Remarks: No data available
Toxicity to algae/aquatic plants	:	Remarks: No data available
Toxicity to fish (Chronic tox- icity)	:	No data available:
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	No data available:
SODIUM LAURYL SULFATE:	:	
Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 4.62 mg/l Exposure time: 96 h Method: static test Remarks: mortality
Toxicity to daphnia and other aquatic invertebrates	:	LC50 (Daphnia magna (Water flea)): 3.15 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	LC50 (Chlamydomonas reinhardtii (green algae)): 18.8 mg/l Exposure time: 72 h
Sodium Fluoride:		
Toxicity to fish	:	LC50 (Cyprinodon variegatus (sheepshead minnow)): > 500 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Crangon crangon (shrimp)): > 300 mg/l Exposure time: 48 h

APJ



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/ersion .3	Revision Date: 27.03.2025		0S Number: 0000002766	Date of last issue: 10.02.2020 Date of first issue: 03.11.2017
Toxici plants	ity to algae/aquatic	:	ErC50 (Selenastr Exposure time: 96	um capricornutum (green algae)): 272 mg/l S h
	ity to fish (Chronic tox-	:	No data available	:
	tic invertebrates (Chron-	:	No data available	:
Aneth	hole:			
Toxic	ity to fish	:	LC50 (Fish): 5 mg Exposure time: 96	
Toxici icity)	ity to fish (Chronic tox-	:	NOEC (Fish): > 2 Test substance: N	
TRAN	S-MENTHONE:			
Toxic	ity to fish	:	LC50 (Fish): 10 m Exposure time: 96	
Toxici plants	ity to algae/aquatic	:	Remarks: No data	a available
	ity to fish (Chronic tox-	:	NOEC (Fish): 100 Exposure time: 96	
	ity to daphnia and other tic invertebrates (Chron- icity)	:	No data available	:
Persi	stence and degradabili	ity		
<u>Comp</u>	ponents:			
Hydra	ated Silica:			
Biode	gradability	:	Remarks: Not app	blicable
SODI	UM LAURYL SULFATE	:		
Biode	egradability	:	Result: Readily bi	odegradable.
Sodiu	um Fluoride:			
Biode	gradability	:	Remarks: Not app	blicable
Aneth	hole:			
Biode	egradability	:	Result: Readily bi	odegradable.
TRAN	S-MENTHONE:			



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Versio 1.3	on	Revision Date: 27.03.2025		DS Number: 60000002766	Date of last issue: 10.02.2020 Date of first issue: 03.11.2017
E	Biodeg	radability	:	Result: Not readil	y biodegradable.
E	Bioaco	cumulative potential			
<u>c</u>	Comp	onents:			
H	Hydrat	ed Silica:			
E	Bioacc	umulation	:	Remarks: No data	a available
		n coefficient: n- I/water	:	log Pow: 0.53	
S	Sodiur	n Fluoride:			
E	Bioacc	umulation	:	Remarks: No data	a available
		n coefficient: n- l/water	:	Remarks: No dat	a available
г	TRAN	S-MENTHONE:			
E	Bioacc	umulation	:	Remarks: No data	a available
		n coefficient: n- l/water	:	log Pow: 2.87	
Ν	Mobili	ty in soil			
Ν	No dat	a available			
C	Other	adverse effects			
A	Produc Additio mation	nal ecological infor-	:	No data available	

Section 13: Disposal considerations

Disposal methods	
Waste from residues	 Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemi- cal or used container.
Contaminated packaging	 Send to a licensed waste management company. Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

Section 14: Transport information

ADG (Australian Dangerous Goods) 7.8

Not regulated.

:



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Version Revision Date: SDS Number: Date of last issue: 10.02.2020 66000002766 1.3 27.03.2025 Date of first issue: 03.11.2017 NZS (New Zealand's Standards) : 5433 Not regulated. ΙΑΤΑ : Not regulated. IMDG 2 Not regulated. IMDG EmS Number :Not applicable. ADR 2 Not regulated.

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture Restricted Medicine: Medsafe Product details TT50-5134/1 Tolerable Exposure Limits (TEL)

Not applicable

Environmental Exposure Limits (EEL)

Not applicable

Section 16: Other information

Revision Date Date format	:	27.03.2025 dd.mm.yyyy
Full text of other abbreviation	ns	
ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
ACGIH BEI	:	ACGIH - Biological Exposure Indices (BEI)
NZ BEI	:	New Zealand. Biological Exposure Indices
NZ OEL	:	New Zealand. Workplace Exposure Standards for Atmospher-



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Version 1.3	Revision Date: 27.03.2025	SDS Number: 66000002766	Date of last issue: 10.02.2020 Date of first issue: 03.11.2017	

ic Contaminants

ACGIH / TWA:8-hour, time-weighted averageNZ OEL / WES-TWA:Workplace Exposure Standard - Time Weighted average

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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