

Krytox[™] NDR 1466

Version 5.3	Revision Date: 04/20/2020	SDS Number: 1789993-00008	Date of last issue: 10/01/2019 Date of first issue: 06/26/2017		
SECTIO	N 1. IDENTIFICATION				
Pro	duct name	: Krytox™ NDR 1	466		
SDS	S-Identcode	: 130000036515			
Mar	ufacturer or supplier's	details			
Con	npany name of supplier	: The Chemours (Company FC, LLC		
Add	ress		1007 Market Street Wilmington, DE 19801 United States of America (USA)		
Tele	ephone	: 1-844-773-CHE	M (outside the U.S. 1-302-773-1000)		
Em	ergency telephone		ncy: 1-866-595-1473 (outside the U.S. 1-302- ansport emergency: +1-800-424-9300 (outside -527-3887)		
Rec	ommended use of the	hemical and restrict	ions on use		
Rec	ommended use	: Lubricant			
Res	trictions on use	tions involving ir internal body flu written agreeme	e only. sell Chemours [™] materials in medical applica- nplantation in the human body or contact with ids or tissues unless agreed to by Seller in a nt covering such use. For further information, our Chemours representative.		

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards

The thermal decomposition vapors of fluorinated plastics may cause polymer fume fever with flulike symptoms in humans, especially when smoking contaminated tobacco.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Sodium nitrite 7	7632-00-0	>= 1 - < 5

Actual concentration is withheld as a trade secret



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SECTION	4. FIRST AID MEASUR	RES			
lf inha	aled		haled, remove t medical atter	e to fresh air. tion if symptoms occur.	
In cas	In case of skin contact		Wash with water and soap as a precaution. Get medical attention if symptoms occur.		
In cas	In case of eye contact		Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.		
lf swa	allowed	Ge	t medical atten	NOT induce vomiting. tion if symptoms occur. oughly with water.	
	important symptoms offects, both acute and red	Irrit Lur Eye Blu Dis Lac Ski Irrit	ation ng edema e contact may rred vision comfort chrymation	ovoke the following symptoms: provoke the following symptoms provoke the following symptoms:	
Prote	ction of first-aiders	: No	special precau	utions are necessary for first aid responders.	
Notes	s to physician	: Tre	at symptomati	cally and supportively.	

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Not applicable Will not burn
Unsuitable extinguishing media	:	Not applicable Will not burn
Specific hazards during fire fighting	:	Exposure to combustion products may be a hazard to health.
Hazardous combustion prod- ucts	:	Hydrogen fluoride carbonyl fluoride potentially toxic fluorinated compounds aerosolized particulates Carbon oxides Nitrogen oxides (NOx) Metal oxides
Specific extinguishing meth- ods	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so.



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	Special protective equipment for fire-fighters		:	Evacuate area. Wear self-contain necessary. Use personal prot	ed breathing apparatus for firefighting if ective equipment.
SEC	TION 6.	ACCIDENTAL RELE	ASE	E MEASURES	
	tive equ	al precautions, protec- lipment and emer- procedures	:	Follow safe handli equipment recomi	ing advice and personal protective mendations.
	Environ	mental precautions	:	Prevent further lea Retain and dispos	e environment must be avoided. akage or spillage if safe to do so. se of contaminated wash water. should be advised if significant spillages ed.
	Methods and materials for containment and cleaning up		:	For large spills, pr ment to keep mate pumped, store rec Clean up remainin bent. Local or national r sal of this materia ployed in the clear which regulations Sections 13 and 1	a absorbent material. ovide diking or other appropriate contain- erial from spreading. If diked material can be covered material in appropriate container. In materials from spill with suitable absor- regulations may apply to releases and dispo- l, as well as those materials and items em- nup of releases. You will need to determine are applicable. 5 of this SDS provide information regarding tional requirements.

SECTION 7. HANDLING AND STORAGE

Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	:	Use only with adequate ventilation.
Advice on safe handling	:	Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure as- sessment Take care to prevent spills, waste and minimize release to the environment.
Conditions for safe storage	:	Keep in properly labeled containers. Store in accordance with the particular national regulations.
Materials to avoid	:	No special restrictions on storage with other products.
Further information on stor- age stability	:	No decomposition if stored and applied as directed.



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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

Occupational exposure limits of decomposition products

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Hydrofluoric acid	7664-39-3	TWA	3 ppm 2.5 mg/m ³	NIOSH REL
		С	6 ppm 5 mg/m³	NIOSH REL
		TWA	3 ppm	OSHA Z-2
		TWA	0.5 ppm (Fluorine)	ACGIH
		С	2 ppm (Fluorine)	ACGIH
Carbonyl difluoride	353-50-4	TWA	2 ppm	ACGIH
		STEL	5 ppm	ACGIH
		ST	5 ppm 15 mg/m³	NIOSH REL
		TWA	2 ppm 5 mg/m ³	NIOSH REL
Carbon dioxide	124-38-9	TWA	5,000 ppm	ACGIH
		STEL	30,000 ppm	ACGIH
		TWA	5,000 ppm 9,000 mg/m ³	OSHA Z-1
		TWA	5,000 ppm 9,000 mg/m ³	NIOSH REL
		ST	30,000 ppm 54,000 mg/m ³	NIOSH REL
Carbon monoxide	630-08-0	TWA	25 ppm	ACGIH
		TWA	35 ppm 40 mg/m ³	NIOSH REL
		С	200 ppm 229 mg/m ³	NIOSH REL
		TWA	50 ppm 55 mg/m ³	OSHA Z-1

Engineering measures

Processing may form hazardous compounds (see section 10).

Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

Personal protective equipment

2

1

Respiratory protection

General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are



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			Follow OSHA res use NIOSH/MSH by air purifying re dous chemical is respirator if there exposure levels a	riate respiratory protection should be worn. pirator regulations (29 CFR 1910.134) and A approved respirators. Protection provided spirators against exposure to any hazar- limited. Use a positive pressure air supplied is any potential for uncontrolled release, are unknown, or any other circumstance g respirators may not provide adequate
Hand	I protection			
R	emarks	:	Wash hands befo	pre breaks and at the end of workday.
Еуе р	protection	:	Wear the followin Safety glasses	g personal protective equipment:
Skin	and body protection	:	Skin should be w	ashed after contact.
Hygie	ene measures	:	eye flushing syste king place. When using do ne	emical is likely during typical use, provide ems and safety showers close to the wor- ot eat, drink or smoke. ted clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Grease
Color	:	white
Odor	:	odorless
Odor Threshold	:	No data available
рН	:	7
Melting point/freezing point	:	608 °F / 320 °C
Initial boiling point and boiling range	:	No data available
Flash point	:	Not applicable
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	Will not burn
Upper explosion limit / Upper	:	No data available



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fla	ammak	pility limit			
		xplosion limit / Lower bility limit	:	No data available	
Va	apor p	ressure	:	Not applicable	
Re	elative	vapor density	:	Not applicable	
Re	elative	density	:	1.89 - 1.93 (75 °F	= / 24 °C)
So	olubilit Wate	y(ies) er solubility	:	insoluble	
	artition ctanol/	coefficient: n- water	:	Not applicable	
Au	utoigni	tion temperature	:	No data available	9
De	ecomp	oosition temperature	:	608 °F / 320 °C	
Vi	iscosit Visco	y osity, kinematic	:	Not applicable	
E	xplosiv	ve properties	:	Not explosive	
O	xidizin	g properties	:	The substance o	r mixture is not classified as oxidizing.
Pa	article	size	:	No data available	9

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac- tions	:	Hazardous decomposition products will be formed at elevated temperatures.
Conditions to avoid	:	None known.
Incompatible materials	:	None.

Hazardous decomposition products Thermal decomposition

hermal decomposition	:	Hydrofluoric acid
-		Carbonyl difluoride
		Carbon dioxide
		Carbon monoxide



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ECTION	11. TOXICOLOGICA	LINF	ORMATION	
Skin o Inges	nation on likely rout contact tion ontact	es of	exposure	
Acute	e toxicity			
Not cl	assified based on ava	ailable	information.	
<u>Produ</u>	uct:			
Acute	oral toxicity	:	Assessment: T	he substance or mixture has no acute oral to:
Acute	inhalation toxicity	:	Acute toxicity e Exposure time: Test atmosphere Method: Calcula	re: dust/mist
<u>Comp</u>	oonents:			
Sodiu	ım nitrite:			
Acute	oral toxicity	:	LD50 (Rat): 180) mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): 5.5 Exposure time: Test atmospher	4 h
-	corrosion/irritation assified based on ava	ailahla	information	
	oonents:		information.	
	ım nitrite:			
Speci		:	Rabbit	
Metho Resul	bd	:	OECD Test Gu No skin irritation	
Serio	us eye damage/eye i	irritati	on	
Not cl	assified based on ava	ailable	information.	

Components:

Sodium nitrite:

Species	:	Rabbit
Result	:	Irritation to eyes, reversing within 21 days
Method	:	OECD Test Guideline 405

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.



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-	iratory sensitization assified based on a	on available information.	
	cell mutagenicity assified based on a	available information.	
Comp	oonents:		
Sodiu	ım nitrite:		
Geno	toxicity in vitro	: Test Type: Bao Result: positive	cterial reverse mutation assay (AMES) e
		Test Type: In v Result: positive	vitro mammalian cell gene mutation test e
Geno	toxicity in vivo	cytogenetic as Species: Mous Application Ro	se fute: Intraperitoneal injection
		cytogenetic as Species: Rat	mmalian erythrocyte micronucleus test (in vivo
		Result: negativ	
Not cl	nogenicity assified based on a <u>conents:</u>		
Not cl <u>Com</u> r	assified based on a	Result: negativ	
Not cl <u>Comp</u> Sodiu Speci Applic	assified based on a <u>conents:</u> um nitrite: es cation Route sure time	Result: negativ	
Not cl Comp Sodiu Speci Applic Expos	assified based on a <u>conents:</u> um nitrite: es cation Route sure time t Group 2/ Sodium r	Result: negativ available information. : Rat : Ingestion : 2 Years : negative A: Probably carcinogenic	ve
Not cl <u>Comp</u> Sodiu Speci Applic Expos Resul	assified based on a <u>conents:</u> um nitrite: es cation Route sure time t Group 2/ Sodium r (nitrite (ir A No comp	Result: negative available information. : Rat : Ingestion : 2 Years : negative A: Probably carcinogenic hitrite ngested) under condition	to humans 7632-00-0 is that result in endogenous nitrosation) esent at levels greater than or equal to 0.1% is
Not cl <u>Comp</u> Sodiu Speci Applic Expos Resul IARC	assified based on a <u>ponents:</u> um nitrite: es cation Route sure time t Group 2/ Sodium r (nitrite (ir No comp on OSH/ No ingree	Result: negative available information. : Rat : Ingestion : 2 Years : negative A: Probably carcinogenic hitrite ngested) under condition ponent of this product pre A's list of regulated carcin	to humans 7632-00-0 is that result in endogenous nitrosation) esent at levels greater than or equal to 0.1% is nogens. sent at levels greater than or equal to 0.1% is
Not cl Comp Sodiu Speci Applic Expos Resul IARC OSHA NTP Repro	assified based on a <u>conents:</u> um nitrite: es cation Route sure time t Group 2/ Sodium r (nitrite (ir No comp on OSH/ No ingrea identified	Result: negative available information. : Rat : Ingestion : 2 Years : negative A: Probably carcinogenic hitrite ngested) under condition wonent of this product present A's list of regulated carcing dient of this product present	to humans 7632-00-0 is that result in endogenous nitrosation) esent at levels greater than or equal to 0.1% is nogens. sent at levels greater than or equal to 0.1% is
Not cl Comp Sodiu Speci Applic Expos Resul IARC OSHA NTP	assified based on a <u>conents:</u> um nitrite: es cation Route sure time t Group 2/ Sodium r (nitrite (ir No comp on OSH/ No ingrea identified	Result: negative available information. : Rat : Ingestion : 2 Years : negative A: Probably carcinogenic hitrite ingested) under condition conent of this product prese A's list of regulated carcin dient of this product prese l as a known or anticipat	to humans 7632-00-0 is that result in endogenous nitrosation) esent at levels greater than or equal to 0.1% is nogens. sent at levels greater than or equal to 0.1% is



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rsion	Revision Date: 04/20/2020		OS Number: 89993-00008	Date of last issue: 10/01/2019 Date of first issue: 06/26/2017
			Species: Mouse Application Route Result: negative	e: Ingestion
Effect	s on fetal development	:	Test Type: Embry Species: Rat Application Route Result: negative	vo-fetal development e: Ingestion
	-single exposure assified based on availa	ble	information.	
STOT	-repeated exposure			
	assified based on availa ated dose toxicity	bie	information.	
-	-			
	oonents:			
Sodiu Speci	ım nitrite:		Rat	
NOAE		:	10 mg/kg	
	cation Route	:	Ingestion	
Fynos	sure time	:	2 у	
Aspir Not cl	ation toxicity assified based on availa		information.	
Aspir Not cl CTION	ation toxicity assified based on availa 12. ECOLOGICAL INFO		information.	
Aspir Not cl CTION Ecoto	ation toxicity assified based on availa 12. ECOLOGICAL INFO pxicity		information.	
Aspir Not cl CTION Ecoto	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity ponents:		information.	
Aspir Not cl CTION Ecoto <u>Comp</u> Sodiu	ation toxicity assified based on availa 12. ECOLOGICAL INFO pxicity		information.	chus mykiss (rainbow trout)): 0.54 mg/l 6 h
Aspir Not cl CTION Ecoto Comr Sodiu Toxici	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity conents: um nitrite: ity to fish		information. IATION LC50 (Oncorhyno Exposure time: 9 EC50 (Daphnia n	6 h nagna (Water flea)): 15.4 mg/l
Aspir Not cl CTION Ecoto Comr Sodiu Toxici	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity conents: um nitrite: ity to fish	DRN :	information. IATION LC50 (Oncorhyno Exposure time: 9 EC50 (Daphnia n Exposure time: 4	6 h nagna (Water flea)): 15.4 mg/l
Aspir Not cl CTION Ecoto Comr Sodiu Toxici aquat	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity conents: im nitrite: ity to fish ity to daphnia and other ic invertebrates	DRN :	information. MATION LC50 (Oncorhyno Exposure time: 9 EC50 (Daphnia n Exposure time: 4 Method: OECD T EC50 (Scenedes	6 h nagna (Water flea)): 15.4 mg/l 8 h
Aspir Not cl CTION Ecoto Comr Sodiu Toxici aquat	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity conents: im nitrite: ity to fish ity to daphnia and other ic invertebrates	DRN :	information. MATION LC50 (Oncorhyno Exposure time: 9 EC50 (Daphnia n Exposure time: 4 Method: OECD T EC50 (Scenedes 100 mg/l Exposure time: 7	6 h nagna (Water flea)): 15.4 mg/l 8 h est Guideline 202 mus capricornutum (fresh water algae)): >
Aspir Not cl CTION Ecoto Comr Sodiu Toxici aquat	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity conents: im nitrite: ity to fish ity to daphnia and other ic invertebrates	DRN :	information. ATION LC50 (Oncorhyno Exposure time: 9 EC50 (Daphnia n Exposure time: 4 Method: OECD T EC50 (Scenedes 100 mg/l Exposure time: 7 Method: OECD T NOEC (Scenedes	6 h nagna (Water flea)): 15.4 mg/l 8 h est Guideline 202 mus capricornutum (fresh water algae)): > 2 h
Aspir Not cl CTION Ecoto Comr Sodiu Toxici aquat	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity conents: im nitrite: ity to fish ity to daphnia and other ic invertebrates	DRN :	information. IATION LC50 (Oncorhyno Exposure time: 9 EC50 (Daphnia n Exposure time: 4 Method: OECD T EC50 (Scenedes 100 mg/l Exposure time: 7 Method: OECD T NOEC (Scenedes mg/l Exposure time: 7	6 h nagna (Water flea)): 15.4 mg/l 8 h est Guideline 202 mus capricornutum (fresh water algae)): > 2 h est Guideline 201 smus capricornutum (fresh water algae)): 7
Aspir Not cl CTION Ecoto Comr Sodiu Toxici aquat Toxici plants	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity conents: im nitrite: ity to fish ity to daphnia and other ic invertebrates	DRN :	information. MATION LC50 (Oncorhynd Exposure time: 9 EC50 (Daphnia n Exposure time: 4 Method: OECD T EC50 (Scenedes 100 mg/l Exposure time: 7 Method: OECD T NOEC (Scenedes mg/l Exposure time: 7 Method: OECD T	6 h nagna (Water flea)): 15.4 mg/l 8 h est Guideline 202 mus capricornutum (fresh water algae)): > 2 h est Guideline 201 smus capricornutum (fresh water algae)): 7 2 h est Guideline 201 carpio (Carp)): 21 mg/l



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			Method: OECD T	est Guideline 210
aqua	city to daphnia and other tic invertebrates (Chron- cicity)	:	NOEC (Penaeid S Exposure time: 8	Shrimp): 9.86 mg/l 0 d
Toxic	city to microorganisms	:	EC50: 281 mg/l Exposure time: 4	8 h
	istence and degradabili ata available	ity		
	ccumulative potential ata available			
	ility in soil ata available			
•	er adverse effects ata available			

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues	:	Dispose of in accordance with local regulations.
Contaminated packaging	:	Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

Domestic regulation

49 CFR	
UN/ID/NA number	: UN 3077
Proper shipping name	: Environmentally hazardous substance, solid, n.o.s. (Sodium nitrite)
Class	: 9
Packing group	: III
Labels	: CLASS 9



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ERG (Marine Rema	e pollutant	SIZES WHER	NFORMATION ONLY APPLIES TO PACKAGE E THE HAZARDOUS SUBSTANCE MEETS TABLE QUANTITY.

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ	Calculated product RQ
		(lbs)	(lbs)
Sodium nitrite	7632-00-0	100	5050

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards	:	No SARA Hazards	5	
SARA 313	:	The following components are subject to reporting leve tablished by SARA Title III, Section 313:		reporting levels es-
		Sodium nitrite	7632-00-0	>= 1 - < 5 %

US State Regulations

Pennsylvania Right To Know

PFPE fluid	Trade secret
Fluoropolymer	Trade secret
Sodium nitrite	7632-00-0

California Prop. 65

WARNING: This product can expose you to chemicals including pentadecafluorooctanoic acid, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. Note to User: This product is not made with PFOA nor is PFOA intentionally present in the product; however, it is possible that PFOA may be present as an impurity at background (environmental) levels.

California List of Hazardous Subs	tances	
Sodium nitrite		7632-00-0
Additional regulatory information		
Sodium nitrite	7632-00-0	

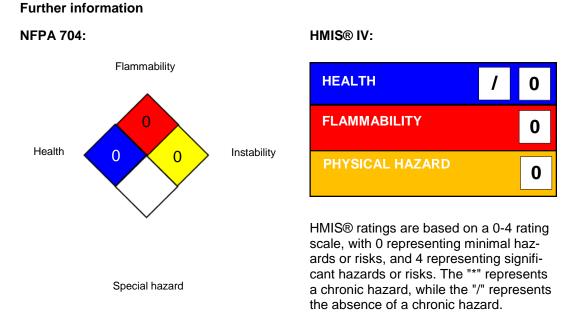


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The United States Environmental Protection Agency (USEPA) has established a Significant New Use Rule (SNUR) for one of the components in this product. See 40 CFR § 721.4740

SECTION 16. OTHER INFORMATION



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Chemours [™] and the Chemours Logo are trademarks of The Chemours Company. Before use read Chemours safety information.

For further information contact the local Chemours office or nominated distributors.

Full text of other abbreviations

ACGIH NIOSH REL OSHA Z-1	:	USA. ACGIH Threshold Limit Values (TLV) USA. NIOSH Recommended Exposure Limits USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim- its for Air Contaminants
OSHA Z-2	:	USA. Occupational Exposure Limits (OSHA) - Table Z-2
ACGIH / TWA	:	8-hour, time-weighted average
ACGIH / STEL	:	Short-term exposure limit
ACGIH / C	:	Ceiling limit
NIOSH REL / TWA	:	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / ST	:	STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
NIOSH REL / C	:	Ceiling value not be exceeded at any time.
OSHA Z-1 / TWA	:	8-hour time weighted average
OSHA Z-2 / TWA	:	8-hour time weighted average



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AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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; HMIS - Hazardous Materials Identification System; 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance 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

Sources of key data used to	:	Internal technical data, data from raw material SDSs, OECD
compile the Material Safety		eChem Portal search results and European Chemicals Agen-
Data Sheet		cy, http://echa.europa.eu/

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