

Version 6.3	Revision Date: 04/22/2020	SDS Number: 1790211-00009	Date of last issue: 09/12/2019 Date of first issue: 06/26/2017				
SECTIO	N 1. IDENTIFICATION						
Proc	luct name	: Corrugator Kr	: Corrugator Krytox™ 227 FG				
SDS	S-Identcode	: 13000003140	13000031400				
Mar	ufacturer or supplier's	details					
Com	pany name of supplier	: The Chemour	s Company FC, LLC				
Add	ress		1007 Market Street Wilmington, DE 19801 United States of America (USA)				
Tele	phone	: 1-844-773-CH	1-844-773-CHEM (outside the U.S. 1-302-773-1000)				
Eme	ergency telephone	773-2000);	Medical emergency: 1-866-595-1473 (outside the U.S. 1-302- 773-2000) ; Transport emergency: +1-800-424-9300 (outside the U.S. +1-703-527-3887)				
Rec	ommended use of the	chemical and restr	ictions on use				
Rec	ommended use	: Lubricant					
Restrictions on use		tions involving internal body written agreer	use only. resell Chemours [™] materials in medical applica- g implantation in the human body or contact with fluids or tissues unless agreed to by Seller in a nent covering such use. For further information, t your 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	7632-00-0	>= 1 - < 5

Actual concentration is withheld as a trade secret



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SECTION	4. FIRST AID MEAS	JRES				
lf inha	aled		nove to fresh air. attention if symptoms occur.			
In cas	se of skin contact		Wash with water and soap as a precaution. Get medical attention if symptoms occur.			
In cas	se of eye contact		Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.			
lf swa	allowed	Get medical	If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.			
	important symptoms ffects, both acute and ed	Irritation Lung edema Eye contact r Blurred visior Discomfort Lachrymatior				
Prote	ction of first-aiders	: No special pr	ecautions are necessary for first aid responders			
Notes	s to physician	: Treat sympto	matically 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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_			Evacuate area.			
	al protective equipment	:	Wear self-contain necessary.	ed breathing apparatus for firefighting if		
	Fighters			tective equipment.		
SECTION	6. ACCIDENTAL RELE	ASI	E MEASURES			
tive eo	nal precautions, protec- quipment and emer- procedures	:	Follow safe handl equipment recom	ing advice and personal protective mendations.		
Enviro	onmental precautions	:	: Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.			
Methods and materials for : containment and cleaning up		:	Soak up with inert absorbent material. For large spills, provide diking or other appropriate contain- ment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absor- bent. Local or national regulations may apply to releases and dispo- sal of this material, as well as those materials and items em- ployed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.			

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 assessment 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-: No decomposition if stored and applied as directed. age stability





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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/m ³	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/m³	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

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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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			unknown, appropriate respiratory protection should be we Follow OSHA respirator regulations (29 CFR 1910.134) a use NIOSH/MSHA approved respirators. Protection provi by air purifying respirators against exposure to any hazar dous chemical is limited. Use a positive pressure air supp respirator if there is any potential for uncontrolled release exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.			
Han	nd protection					
F	Remarks	:	: Wash hands before breaks and at the end of workday.			
Eye	Eye protection		Wear the following personal protective equipment: Safety glasses			
Skir	n and body protection	:	Skin should be wa	ashed after contact.		
Hygiene 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

SAFETY DATA SHEET



Corrugator Krytox™ 227 FG

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	flamma	bility limit			
	Lower explosion limit / Lower flammability limit		:	No data available)
	Vapor p	pressure	:	Not applicable	
	Relative	e vapor density	:	Not applicable	
	Relative	e density	:	1.89 - 1.93 (75 °F	F / 24 °C)
	Solubili Wat	ty(ies) er solubility	:	insoluble	
	Partition octanol	n coefficient: n- /water	:	Not applicable	
	Autoign	ition temperature	:	No data available	
	Decom	position temperature	:	608 °F / 320 °C	
	Viscosi Visc	ty osity, kinematic	:	Not applicable	
	Explosi	ve properties	:	Not explosive	
		ng properties	:		r mixture is not classified as oxidizing.
	Particle	size	:	No data available	3

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 : Hyd

hermal decomposition	:	Hydrofluoric acid
		Carbonyl difluoride
		Carbon dioxide
		Carbon monoxide





ersion 3	Revision Date: 04/22/2020	-	90211-00009	Date of last issue: 09/12/2019 Date of first issue: 06/26/2017
	11. TOXICOLOGICA	L INFO	ORMATION	
Skin o	mation on likely rout	es of (exposure	
Inges Eye c	ontact			
Acute	e toxicity			
Not cl	assified based on ava	ailable	information.	
Produ	uct:			
Acute	oral toxicity	:	Assessment: T icity	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:	4 h
			Test atmosphered	le: dust/mist
Skin	corrosion/irritation			
Not cl	assified based on ava	ailable	information.	
<u>Comp</u>	oonents:			
Sodiu	ım nitrite:			
Speci		:	Rabbit	ideline 404
Metho Resul		:	OECD Test Gu No skin irritation	
	us eye damage/eye i assified based on ava			

Components:

Sodium nitrite:

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

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

SAFETY DATA SHEET



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-	ratory sensitizatio assified based on a	n vailable information.	
	cell mutagenicity assified based on a	vailable information.	
Comp	onents:		
Sodiu	m nitrite:		
Genot	oxicity in vitro	: Test Type: Ba Result: positi	acterial reverse mutation assay (AMES) ve
		Test Type: In Result: positi	vitro mammalian cell gene mutation test ve
Genot	oxicity in vivo	: Test Type: M cytogenetic a Species: Mou	
			oute: Intraperitoneal injection
		cytogenetic a Species: Rat	ammalian erythrocyte micronucleus test (in viv ssay) oute: Intraperitoneal injection
		Result: negat	
	nogenicity	Result: negat	
Not cla	assified based on a		
Not cla <u>Comp</u>	assified based on a onents:	Result: negat	
Not cla <u>Comp</u> Sodiu	assified based on a <u>onents:</u> m nitrite:	Result: negat	
Not cla <u>Comp</u> Sodiu Specie	assified based on a onents: m nitrite: es	Result: negat vailable information. : Rat	
Not cla <u>Comp</u> Sodiu Specie Applic	assified based on a <u>onents:</u> m nitrite:	Result: negat	
Not cla <u>Comp</u> Sodiu Specie Applic	assified based on a onents: m nitrite: as ation Route ure time	Result: negat vailable information. : Rat : Ingestion	
Not cla <u>Comp</u> Sodiu Specie Applic Expos Result	assified based on a onents: m nitrite: es ation Route ure time	Result: negat vailable information. : Rat : Ingestion : 2 Years : negative	live
Not cla <u>Comp</u> Sodiu Specie Applic Expos	assified based on a onents: m nitrite: es ation Route ure time Group 2A Sodium r	Result: negat vailable information. : Rat : Ingestion : 2 Years : negative A: Probably carcinogen hitrite	ic to humans 7632-00-0
Not cla <u>Comp</u> Sodiu Specie Applic Expos Result	assified based on a onents: m nitrite: es ation Route ure time Group 2A Sodium r	Result: negat vailable information. : Rat : Ingestion : 2 Years : negative A: Probably carcinogen hitrite	ic to humans
Not cla <u>Comp</u> Sodiu Specie Applic Expos Result	assified based on a onents: m nitrite: as ation Route ure time Group 2A Sodium r (nitrite (in No comp	Result: negatival vailable information. : Rat : Ingestion : 2 Years : negative A: Probably carcinogen hitrite gested) under conditio	ic to humans 7632-00-0 ons that result in endogenous nitrosation) resent at levels greater than or equal to 0.1% i
Not cla <u>Comp</u> Sodiu Specie Applic Expos Result IARC	assified based on a onents: m nitrite: es ation Route ure time Group 2A Sodium r (nitrite (in No comp on OSHA No ingred	Result: negat vailable information. : Rat : Ingestion : 2 Years : negative A: Probably carcinogen hitrite igested) under condition onent of this product pre- dient of this product pre-	ic to humans 7632-00-0 ons that result in endogenous nitrosation) resent at levels greater than or equal to 0.1% is
Not cla <u>Comp</u> Sodiu Specie Applic Expos Result IARC OSHA NTP Repro	assified based on a onents: m nitrite: es ation Route ure time Group 2A Sodium r (nitrite (in No comp on OSHA No ingred identified	Result: negative vailable information. : Rat : Ingestion : 2 Years : negative A: Probably carcinogen hitrite igested) under condition onent of this product pre- a's list of regulated carc dient of this product pre- as a known or anticipa	ic to humans 7632-00-0 ons that result in endogenous nitrosation) resent at levels greater than or equal to 0.1% is cinogens.
Not cla Comp Sodiu Specie Applic Expos Result IARC OSHA NTP Repro Not cla	assified based on a onents: m nitrite: ation Route ure time Group 2A Sodium r (nitrite (in No comp on OSHA No ingrea identified ductive toxicity assified based on a	Result: negat vailable information. : Rat : Ingestion : 2 Years : negative A: Probably carcinogen hitrite igested) under condition onent of this product pre- dient of this product pre-	ic to humans 7632-00-0 ons that result in endogenous nitrosation) resent at levels greater than or equal to 0.1% is cinogens.
Not cla Comp Sodiu Specie Applic Expos Result IARC OSHA NTP Repro Not cla	assified based on a onents: m nitrite: es ation Route ure time Group 2A Sodium r (nitrite (in No comp on OSHA No ingred identified	Result: negative vailable information. : Rat : Ingestion : 2 Years : negative A: Probably carcinogen hitrite igested) under condition onent of this product pre- a's list of regulated carc dient of this product pre- as a known or anticipa	ic to humans 7632-00-0 ons that result in endogenous nitrosation) resent at levels greater than or equal to 0.1% is cinogens.
Not cla <u>Comp</u> Sodiu Specie Applic Expos Result IARC OSHA NTP Repro Not cla <u>Comp</u>	assified based on a onents: m nitrite: ation Route ure time Group 2A Sodium r (nitrite (in No comp on OSHA No ingrea identified ductive toxicity assified based on a	Result: negative vailable information. : Rat : Ingestion : 2 Years : negative A: Probably carcinogen hitrite igested) under condition onent of this product pre- a's list of regulated carc dient of this product pre- as a known or anticipa	ic to humans 7632-00-0 ons that result in endogenous nitrosation) resent at levels greater than or equal to 0.1% is cinogens.



sion	Revision Date: 04/22/2020		OS Number: 90211-00009	Date of last issue: 09/12/2019 Date of first issue: 06/26/2017
			Species: Mouse Application Rout Result: negative	e: Ingestion
Effect	s on fetal development	:	Test Type: Embr Species: Rat Application Rout Result: negative	ryo-fetal development e: Ingestion
	-single exposure			
	assified based on availa	ble	information.	
	-repeated exposure			
	assified based on availa	ble	information.	
Repe	ated dose toxicity			
<u>Comp</u>	oonents:			
Sodiu	ım nitrite:			
Speci		:	Rat	
NOAE Applic	L ation Route	÷	10 mg/kg Ingestion	
		•	-	
Aspir Not cl	sure time ation toxicity assified based on availa			
Aspir Not cl	ation toxicity assified based on availa 12. ECOLOGICAL INFO		information.	
Aspir Not cl CTION Ecoto	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity		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 ponents: um nitrite:		information.	
Aspir Not cl CTION Ecoto <u>Comp</u> Sodiu	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity ponents:		information.	chus mykiss (rainbow trout)): 0.54 mg/l 96 h
Aspir Not cl CTION Ecoto Comp Sodiu Toxici	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity conents: um nitrite: ty to fish ty to daphnia and other		information. IATION LC50 (Oncorhyn Exposure time: 9 EC50 (Daphnia 1	96 h magna (Water flea)): 15.4 mg/l
Aspir Not cl CTION Ecoto Comp Sodiu Toxici	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity ponents: um nitrite: ty to fish	DRN :	information. IATION LC50 (Oncorhyn Exposure time: 9 EC50 (Daphnia 1 Exposure time: 4	96 h magna (Water flea)): 15.4 mg/l 48 h
Aspir Not cl CTION Ecoto Comr Sodiu Toxici aquat	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity conents: im nitrite: ty to fish ty to daphnia and other ic invertebrates	DRN :	information. IATION LC50 (Oncorhyn Exposure time: S EC50 (Daphnia i Exposure time: 4 Method: OECD	96 h magna (Water flea)): 15.4 mg/l 48 h Test Guideline 202
Aspir Not cl CTION Ecoto Comr Sodiu Toxici aquat	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity ponents: im nitrite: ty to fish ty to daphnia and other ic invertebrates ty to algae/aquatic	DRN :	information. MATION LC50 (Oncorhyn Exposure time: 9 EC50 (Daphnia n Exposure time: 4 Method: OECD 7 EC50 (Scenedes	96 h magna (Water flea)): 15.4 mg/l 48 h
Aspir Not cl CTION Ecoto Comr Sodiu Toxici aquat	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity ponents: im nitrite: ty to fish ty to daphnia and other ic invertebrates ty to algae/aquatic	DRN :	information. IATION LC50 (Oncorhyn Exposure time: 9 EC50 (Daphnia n Exposure time: 4 Method: OECD 7 EC50 (Scenedes 100 mg/l	96 h magna (Water flea)): 15.4 mg/l 48 h Test Guideline 202 smus capricornutum (fresh water algae)): >
Aspir Not cl CTION Ecoto Comr Sodiu Toxici aquat	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity ponents: im nitrite: ty to fish ty to daphnia and other ic invertebrates ty to algae/aquatic	DRN :	information. IATION LC50 (Oncorhyn Exposure time: S EC50 (Daphnia n Exposure time: 4 Method: OECD 7 EC50 (Scenedes 100 mg/l Exposure time: 7	96 h magna (Water flea)): 15.4 mg/l 48 h Test Guideline 202 smus capricornutum (fresh water algae)): >
Aspir Not cl CTION Ecoto Comr Sodiu Toxici aquat	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity ponents: im nitrite: ty to fish ty to daphnia and other ic invertebrates ty to algae/aquatic	DRN :	information. IATION LC50 (Oncorhyn Exposure time: 9 EC50 (Daphnia n Exposure time: 4 Method: OECD 7 EC50 (Scenedes 100 mg/l Exposure time: 7 Method: OECD 7	96 h magna (Water flea)): 15.4 mg/l 18 h Test Guideline 202 smus capricornutum (fresh water algae)): > 72 h Test Guideline 201
Aspir Not cl CTION Ecoto Comr Sodiu Toxici aquat	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity ponents: im nitrite: ty to fish ty to daphnia and other ic invertebrates ty to algae/aquatic	DRN :	information. IATION LC50 (Oncorhyn Exposure time: 9 EC50 (Daphnia n Exposure time: 4 Method: OECD 7 EC50 (Scenedes 100 mg/l Exposure time: 7 Method: OECD 7 NOEC (Scenedes mg/l	96 h magna (Water flea)): 15.4 mg/l 48 h Test Guideline 202 smus capricornutum (fresh water algae)): > 72 h Test Guideline 201 esmus capricornutum (fresh water algae)): 1
Aspir Not cl CTION Ecoto Comr Sodiu Toxici aquat	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity ponents: im nitrite: ty to fish ty to daphnia and other ic invertebrates ty to algae/aquatic	DRN :	information. IATION LC50 (Oncorhyn Exposure time: 9 EC50 (Daphnian Exposure time: 4 Method: OECD 7 EC50 (Scenedes 100 mg/l Exposure time: 7 Method: OECD 7 NOEC (Scenedes mg/l Exposure time: 7	96 h magna (Water flea)): 15.4 mg/l 48 h Test Guideline 202 smus capricornutum (fresh water algae)): > 72 h Test Guideline 201 esmus capricornutum (fresh water algae)): 1 72 h
Aspir Not cl CTION Ecoto Comp Sodiu Toxici aquat Toxici plants	ation toxicity assified based on availa 12. ECOLOGICAL INFO points: ponents: im nitrite: ty to fish ty to daphnia and other ic invertebrates ty to algae/aquatic	DRN :	information. IATION LC50 (Oncorhyn Exposure time: 9 EC50 (Daphnia n Exposure time: 2 Method: OECD 7 EC50 (Scenedes 100 mg/l Exposure time: 7 Method: OECD 7 NOEC (Scenedes mg/l Exposure time: 7 Method: OECD 7	96 h magna (Water flea)): 15.4 mg/l 48 h Test Guideline 202 smus capricornutum (fresh water algae)): > 72 h Test Guideline 201 esmus capricornutum (fresh water algae)): 1 72 h Test Guideline 201
Aspir Not cl CTION Ecoto Comp Sodiu Toxici aquat Toxici plants	ation toxicity assified based on availa 12. ECOLOGICAL INFO oxicity ponents: im nitrite: ty to fish ty to daphnia and other ic invertebrates ty to algae/aquatic	DRN :	information. IATION LC50 (Oncorhyn Exposure time: 9 EC50 (Daphnia n Exposure time: 2 Method: OECD 7 EC50 (Scenedes 100 mg/l Exposure time: 7 Method: OECD 7 NOEC (Scenedes mg/l Exposure time: 7 Method: OECD 7	26 h magna (Water flea)): 15.4 mg/l 48 h Test Guideline 202 smus capricornutum (fresh water algae)): > 72 h Test Guideline 201 esmus capricornutum (fresh water algae)): 1 72 h Test Guideline 201 s carpio (Carp)): 21 mg/l



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				Method: OECD T	est Guideline 210
		/ to daphnia and other invertebrates (Chron- ity)		NOEC (Penaeid S Exposure time: 80	Shrimp): 9.86 mg/l 0 d
	Toxicity	/ to microorganisms	:	EC50: 281 mg/l Exposure time: 48	8 h
		t ence and degradabil i a available	ity		
		sumulative potential a available			
		a available			
		adverse effects a 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 WHERI	NFORMATION ONLY APPLIES TO PACKAGE E THE HAZARDOUS SUBSTANCE MEETS ABLE 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 Hazard	S	
SARA 313	:	The following components are subject to reporting levels es- tablished by SARA Title III, Section 313:		
		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	

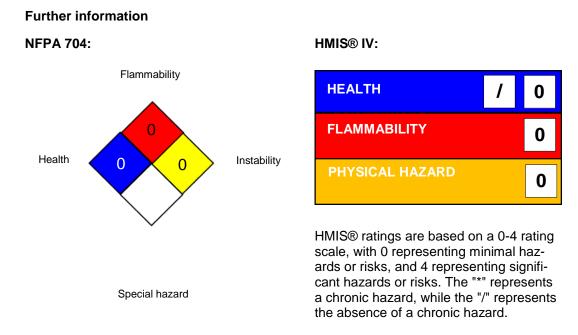




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The United States Environmental Protection Agency (USEPA) has established a Significant New Use Rule (SNUR) for one of the components in this product. See 40 CFR § 721.4740

SECTION 16. OTHER INFORMATION



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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/

Revision Date

: 04/22/2020

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