

Versi 6.2	on	Revision Date: 04/26/2023		OS Number: 65620-00016	Date of last issue: 07/19/2022 Date of first issue: 06/21/2017			
SECT	TION 1	. IDENTIFICATION						
F	Produc	t name	:	Krytox™ GPL 217				
F	Produc	t code	:	D12429204				
	SDS-Id	entcode	:	130000024225				
г	Manufa	acturer or supplier's	deta	ails				
(	Compa	ny name of supplier	:	The Chemours Company FC, LLC				
/	Address		:	1007 Market Street Wilmington, DE 19801 United States of America (USA)				
-	Telepho	one	:	1-844-773-CHEM (outside the U.S. 1-302-773-1000)				
E	Emergency telephone		:	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)				
I	Recom	mended use of the c	hen	nical and restriction	ons on use			
F	Recom	mended use	:	Lubricant				
F	Restric	tions on use	:	tions involving im internal body fluid written agreemen	only. ell Chemours™ materials in medical applica- plantation in the human body or contact with ls or tissues unless agreed to by Seller in a t covering such use. For further information, ur Chemours representative.			

## **SECTION 2. HAZARDS IDENTIFICATION**

# GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a hazardous substance or mixture.

### **GHS** label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

#### 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

# SAFETY DATA SHEET



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Add	mical name itive ial concentration is withh	eld a	CAS-No.Concentration (% w/w)Trade secret>= 1 - < 5					
SECTIO	N 4. FIRST AID MEASU	RES						
lf inł	naled	:	If inhaled, removed of the second sec		esh air. f symptoms occur.			
In ca	ase of skin contact	:			oap as a precaution. symptoms occur.			
In ca	ase of eye contact	:	Flush eyes with Get medical atte		as a precaution. Firritation develops and persists.			
lf sv	vallowed	:		ention if	induce vomiting. symptoms occur. y with water.			
	t important symptoms effects, both acute and yed	:	Irritation Lung edema Eye contact may Blurred vision Discomfort Lachrymation Skin contact ma Irritation Redness	y provo y provo provoke	e the following symptoms: ke the following symptoms oke the following symptoms: e the following symptoms:			
Prot	ection of first-aiders	:	No special preca	autions	are necessary for first aid responders.			
Note	es to physician	:	Treat symptoma	tically a	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



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	Specific ods	extinguishing meth-	:	cumstances and t Use water spray to	measures that are appropriate to local cir- he surrounding environment. o cool unopened containers. ged containers from fire area if it is safe to do
	Special for fire-	protective equipment fighters	:	Wear self-contain necessary. Use personal prot	ed breathing apparatus for firefighting if ective equipment.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	<ul> <li>Follow safe handling advice (see section 7) and personal pro- tective equipment recommendations (see section 8).</li> </ul>
Environmental precautions	<ul> <li>Avoid release to the environment.</li> <li>Prevent further leakage or spillage if safe to do so.</li> <li>Retain and dispose of contaminated wash water.</li> <li>Local authorities should be advised if significant spillages cannot be contained.</li> </ul>
Methods and materials for containment and cleaning up	<ul> <li>Soak up with inert absorbent material.</li> <li>For large spills, provide diking or other appropriate containment 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 absorbent.</li> <li>Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.</li> <li>Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.</li> </ul>

## 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	:	Do not breathe decomposition products.
		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.



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		S	tore in accorda	nce with the particular national regulations.
Mate	rials to avoid	: N	o special restrie	ctions on storage with other products.
Further information on stor- age stability		: N	o decompositio	n if stored and applied as directed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Additive	Trade secret	TWA (Inhal- able particu- late matter)	10 mg/m <sup>3</sup> (Molybdenum)	ACGIH
		TWA (Res- pirable par- ticulate mat- ter)	3 mg/m³ (Molybdenum)	ACGIH

# Occupational exposure limits of decomposition products

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Hydrogen fluoride	7664-39-3	TWA	0.5 ppm (Fluorine)	ACGIH
		С	2 ppm (Fluorine)	ACGIH
		С	6 ppm 5 mg/m³	NIOSH REL
		TWA	3 ppm 2.5 mg/m <sup>3</sup>	NIOSH REL
		TWA	3 ppm	OSHA Z-2
Carbonyl difluoride	353-50-4	TWA	2 ppm	ACGIH
		STEL	5 ppm	ACGIH
		TWA	2 ppm 5 mg/m <sup>3</sup>	NIOSH REL
		ST	5 ppm 15 mg/m³	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 <sup>3</sup>	NIOSH REL
		ST	30,000 ppm 54,000 mg/m <sup>3</sup>	NIOSH REL
		TWA	5,000 ppm 9,000 mg/m <sup>3</sup>	OSHA Z-1
Carbon monoxide	630-08-0	TWA	25 ppm	ACGIH



229 mg/m <sup>3</sup>		04/26/2023	17	65620-00016	Date of	first issue: 06/21/201	(
Image: Second						25	
Image: Second					IVVA		NIOSH R
Engineering measures       :       Processing may form hazardous compounds (see section 10). Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.         Personal protective equipment       :       General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure air supplied respirator. Protection provide diversity of there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection         Hand protection       :       Wear the following personal protective equipment: Safety glasses         Skin and body protection       :       Skin should be washed after contact.         Hygiene measures       :       If exposure to chemical is likely during typical use, provide eye fushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.         Color       :       Grease         Color       :       black         Odor       :       odorless					С	200 ppm	NIOSH R
10).       Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.         Personal protective equipment       Eneral and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purfying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied 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.         Hand protection       Itera is was and at the end of workday.         Eye protection       Itera is start glasses         Skin and body protection       Skin should be washed after contact.         Hygiene measures       If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place.         When using do not eat, drink or smoke.       Wash contaminated clothing before re-use.         Color       Is black         Odor       is black					TWA		OSHA Z-
Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.         Personal protective equipment         Respiratory protection       : General and local exhaust ventilation is recommended limits. Where unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazar-dous chemical is limited. Use a positive pressure air supplied respirator is more unknown, or any other circumstance where air purifying respirators may not provide adequate protection.         Hand protection       : Wash hands before breaks and at the end of workday.         Eye protection       : Wear the following personal protective equipment: Safety glasses         Skin and body protection       : Skin should be washed after contact.         Hygiene measures       : If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place.         When using do not eat, drink or smoke.       Wash contaminated clothing before re-use.         Color       : black         Odor       : black	Engir	neering measures	:	•	ay form haza	rdous compounds (se	ee section
Respiratory protection       : General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied 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.         Hand protection       : Wash hands before breaks and at the end of workday.         Eye protection       : Wear the following personal protective equipment: Safety glasses         Skin and body protection       : Skin should be washed after contact.         Hygiene measures       : If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place.         When using do not eat, drink or smoke.       Wash contaminated clothing before re-use.         FTION 9. PHYSICAL AND CHEMICAL PROPERTIES         Appearance       : Grease         Color       : black         Odor       : odorless				Ensure adequ			ned areas.
maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazar-dous chemical is limited. Use a positive pressure air supplied 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.         Hand protection       Remarks       :       Wash hands before breaks and at the end of workday.         Eye protection       :       Wear the following personal protective equipment: Safety glasses         Skin and body protection       :       Skin should be washed after contact.         Hygiene measures       :       If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.         TION 9. PHYSICAL AND CHEMICAL PROPERTIES         Appearance       :       Grease         Color       :       black         Odor       :       odorless	Perso	onal protective equip	ment				
Remarks:Wash hands before breaks and at the end of workday.Eye protection:Wear the following personal protective equipment: Safety glassesSkin and body protection:Skin should be washed after contact.Hygiene measures:If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.CTION 9. PHYSICAL AND CHEMICAL PROPERTIESAppearance:GreaseColor:blackOdor:odorless				concentration unknown, app Follow OSHA use NIOSH/M by air purifyin dous chemica respirator if th exposure leve where air pur	as are above r propriate resp respirator re ISHA approve g respirators al is limited. Un here is any po els are unkno	recommended limits of piratory protection sho gulations (29 CFR 19 ed respirators. Protect against exposure to a lse a positive pressur ptential for uncontrolle wn, or any other circu	or are ould be worn. (10.134) and tion provided any hazar- e air supplied d release, umstance
Eye protection       : Wear the following personal protective equipment: Safety glasses         Skin and body protection       : Skin should be washed after contact.         Hygiene measures       : If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the wor- king place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.         TION 9. PHYSICAL AND CHEMICAL PROPERTIES         Appearance       : Grease         Color       : black         Odor       : odorless	Hand	protection					
Safety glasses       Safety glasses         Skin and body protection       :       Skin should be washed after contact.         Hygiene measures       :       If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place.         When using do not eat, drink or smoke.       When using do not eat, drink or smoke.         Wash contaminated clothing before re-use.       ETION 9. PHYSICAL AND CHEMICAL PROPERTIES         Appearance       :       Grease         Color       :       black         Odor       :       odorless	Re	emarks	:	Wash hands	before breaks	s and at the end of wo	orkday.
Hygiene measures       : If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place.         When using do not eat, drink or smoke.       When using do not eat, drink or smoke.         Wash contaminated clothing before re-use.       Wash contaminated clothing before re-use.         TION 9. PHYSICAL AND CHEMICAL PROPERTIES       Appearance       : Grease         Color       : black         Odor       : odorless	Eye p	rotection	:			al protective equipme	nt:
eye flushing systems and safety showers close to the working place.         When using do not eat, drink or smoke.         Wash contaminated clothing before re-use.         CTION 9. PHYSICAL AND CHEMICAL PROPERTIES         Appearance       :         Grease         Color       :         black         Odor       :         odorless	Skin a	and body protection	:	Skin should b	e washed aft	er contact.	
Appearance:GreaseColor:blackOdor:odorless	Hygie	ne measures	:	eye flushing s king place. When using c	systems and s do not eat, dri	safety showers close nk or smoke.	
Color : black Odor : odorless	TION	9. PHYSICAL AND C	HEMI	CAL PROPER	TIES		
Odor : odorless	Appea	arance	:	Grease			
	Color		:	black			
Odor Threshold : No data available	Odor		:	odorless			
	Odor	Threshold	:	No data avai	ilable		

# SAFETY DATA SHEET



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pН		:	7	
	ting point/freezing point	:	608 °F / 320 °C	
Initi ran	al boiling point and boiling ge	:	No data available	
Fla	sh point	:	Method: Pensky- Not applicable	Martens closed cup
Eva	poration rate	:	Not applicable	
Fla	nmability (solid, gas)	:	Will not burn	
	per explosion limit / Upper nmability limit	:	No data available	)
	ver explosion limit / Lower nmability limit	:	No data available	)
Vap	oor pressure	:	Not applicable	
Rel	ative vapor density	:	Not applicable	
Rel	ative density	:	1.89 - 1.93	
	ubility(ies) Water solubility	:	No data available	9
	tition coefficient: n- anol/water	:	Not applicable	
Aut	oignition temperature	:	No data available	)
Dee	composition temperature	:	572 °F / 300 °C	
	cosity √iscosity, kinematic	:	Not applicable	
Exp	losive properties	:	Not explosive	
Oxi	dizing properties	:	The substance of	r mixture is not classified as oxidizing.
Par	ticle size	:	No data available	)

# SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.



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	tions	ity of hazardous reac-	:	Hazardous decor temperatures. None known.	nposition products will be formed at elevated
	Incomp	atible materials	:	None.	
	Hazardous decomposition p Thermal decomposition		orod :		de

## **SECTION 11. TOXICOLOGICAL INFORMATION**

### Information on likely routes of exposure

Skin contact Ingestion Eye contact

### Acute toxicity

Not classified based on available information.

### **Components:**

### Additive:

Acute oral toxicity	:	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 401 Assessment: The substance or mixture has no acute oral tox- icity
Acute inhalation toxicity	:	LC50 (Rat): > 2.82 mg/l Exposure time: 4 h Test atmosphere: dust/mist
Acute dermal toxicity	:	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402

#### Skin corrosion/irritation

Not classified based on available information.

### **Components:**

### Additive:

	-	Rabbit
Method	:	OECD Test Guideline 404
Result	:	No skin irritation

## Serious eye damage/eye irritation

Not classified based on available information.



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Comp	oonents:		
Addit	ive:		
Speci	es	: Rabbit	
Resul		: No eye irritation	1
Metho	bd	: OECD Test Gu	
Resp	iratory or skin sensi	itization	
-	sensitization		
	assified based on ava		
-	iratory sensitization assified based on ava		
Comp	oonents:		
Addit			
Test 1		: Maximization T	est
	s of exposure	: Skin contact	
Speci		: Guinea pig	
Metho	bd	: OECD Test Gu	ideline 406
Resul	t	: negative	
Germ	cell mutagenicity assified based on ava	ailable information.	
Germ Not cl <u>Comp</u>	assified based on ava conents:	ailable information.	
Germ Not cl <u>Comp</u> Addit	assified based on ava conents:	: Test Type: Bac	terial reverse mutation assay (AMES) Test Guideline 471
Germ Not cl <u>Comp</u> Addit	assified based on ava ponents: ive:	: Test Type: Bac Method: OECD	Test Guideline 471
Germ Not cl <u>Comp</u> Addit	assified based on ava ponents: ive:	: Test Type: Bac Method: OECD Result: negative	Test Guideline 471
Germ Not cl <u>Comp</u> Addit	assified based on ava ponents: ive:	: Test Type: Bac Method: OECD Result: negative Remarks: Base Test Type: In vi	Test Guideline 471 e
Germ Not cl <u>Comp</u> Addit	assified based on ava ponents: ive:	: Test Type: Bac Method: OECD Result: negative Remarks: Base Test Type: In vi Method: OECD Result: negative	Test Guideline 471 e d on data from similar materials itro mammalian cell gene mutation test Test Guideline 476 e
Germ Not cl <u>Comp</u> Addit	assified based on ava ponents: ive:	: Test Type: Bac Method: OECD Result: negative Remarks: Base Test Type: In vi Method: OECD Result: negative	Test Guideline 471 e d on data from similar materials itro mammalian cell gene mutation test Test Guideline 476
Germ Not cl <u>Comp</u> Addit	assified based on ava ponents: ive:	: Test Type: Bac Method: OECD Result: negative Remarks: Base Test Type: In vi Method: OECD Result: negative Remarks: Base Test Type: in vi	Test Guideline 471 e d on data from similar materials itro mammalian cell gene mutation test Test Guideline 476 e d on data from similar materials tro micronucleus test
Germ Not cl <u>Comp</u> Addit	assified based on ava ponents: ive:	: Test Type: Bac Method: OECD Result: negative Remarks: Base Test Type: In vi Method: OECD Result: negative Remarks: Base Test Type: in vi	Test Guideline 471 e d on data from similar materials itro mammalian cell gene mutation test Test Guideline 476 e d on data from similar materials tro micronucleus test Test Guideline 487
Germ Not cl <u>Comp</u> Addit	assified based on ava ponents: ive:	: Test Type: Bac Method: OECD Result: negative Remarks: Base Test Type: In vi Method: OECD Result: negative Remarks: Base Test Type: in vi Method: OECD Result: negative	Test Guideline 471 e d on data from similar materials itro mammalian cell gene mutation test Test Guideline 476 e d on data from similar materials tro micronucleus test Test Guideline 487
Germ Not cl Comp Addit Genot	assified based on ava ponents: ive:	<ul> <li>Test Type: Bac Method: OECD Result: negative Remarks: Base</li> <li>Test Type: In vi Method: OECD Result: negative Remarks: Base</li> <li>Test Type: in vi Method: OECD Result: negative Remarks: Base</li> <li>Test Type: Man cytogenetic ass Species: Rat</li> </ul>	Test Guideline 471 e d on data from similar materials itro mammalian cell gene mutation test Test Guideline 476 e d on data from similar materials tro micronucleus test Test Guideline 487 e d on data from similar materials mmalian erythrocyte micronucleus test (in say)
Germ Not cl Comp Addit Genot	assified based on ava <u>conents:</u> ive: toxicity in vitro	<ul> <li>Test Type: Bac Method: OECD Result: negative Remarks: Base</li> <li>Test Type: In vi Method: OECD Result: negative Remarks: Base</li> <li>Test Type: in vi Method: OECD Result: negative Remarks: Base</li> <li>Test Type: Man cytogenetic ass Species: Rat Application Rou</li> </ul>	Test Guideline 471 e d on data from similar materials itro mammalian cell gene mutation test Test Guideline 476 e d on data from similar materials tro micronucleus test Test Guideline 487 e d on data from similar materials mmalian erythrocyte micronucleus test (in say) ute: Ingestion
Germ Not cl Comp Addit Genot	assified based on ava <u>conents:</u> ive: toxicity in vitro	<ul> <li>Test Type: Bac Method: OECD Result: negative Remarks: Base</li> <li>Test Type: In vi Method: OECD Result: negative Remarks: Base</li> <li>Test Type: in vi Method: OECD Result: negative Remarks: Base</li> <li>Test Type: Man cytogenetic ass Species: Rat Application Rou</li> </ul>	Test Guideline 471 e d on data from similar materials itro mammalian cell gene mutation test Test Guideline 476 e d on data from similar materials tro micronucleus test Test Guideline 487 e d on data from similar materials mmalian erythrocyte micronucleus test (in v say) ute: Ingestion Test Guideline 474



	ogenicity						
	ssified based on availa						
IARC		Not classified based on available information.					
				nt at levels greater than or equal to 0.1% is confirmed human carcinogen by IARC.			
OSHA			of this product present at levels greater than or equal to 0.1% is of regulated carcinogens.				
NTP				nt at levels greater than or equal to 0.1% is I carcinogen by NTP.			
-	<b>ductive toxicity</b> ssified based on availa	able	information.				
Compo	onents:						
Additiv	/e:						
Effects	on fertility	:	Species: Rat Application Rout Method: OECD 7 Result: negative	generation reproduction toxicity study e: Ingestion Fest Guideline 416 on data from similar materials			
Effects	on fetal development	:	Species: Rat Application Rout Method: OECD 7 Result: negative	yo-fetal development e: Ingestion Fest Guideline 414 on data from similar materials			
STOT-	single exposure						
	ssified based on availa	able	information.				
STOT-	repeated exposure						
	ssified based on availa	able	information.				
-	Aspiration toxicity Not classified based on available information.						
	2. ECOLOGICAL INFO						
Ecotox	cicity						
<u>Compo</u>	onents:						
Additiv	/e:						
Toxicity	y to fish	:	Exposure time: 9 Method: OECD 7	es promelas (fathead minnow)): > 100 mg/l 96 h Fest Guideline 203 I on data from similar materials			
	y to daphnia and other invertebrates	:	EC50 (Daphnia r Exposure time: 4	magna (Water flea)): > 100 mg/l l8 h			
			9 / 13				



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			Method: OECD To Remarks: Based of	est Guideline 202 on data from similar materials
	Toxicity to algae/aquatic plants		mg/l Exposure time: 72 Method: OECD To	
			mg/l Exposure time: 72 Method: OECD To	chneriella subcapitata (green algae)): > 1 2 h est Guideline 201 on data from similar materials
Toxic icity)	city to fish (Chronic tox-	:	Exposure time: 78	chus mykiss (rainbow trout)): > 1 mg/l 3 d on data from similar materials
aqua	city to daphnia and other atic invertebrates (Chron- kicity)	:	Exposure time: 21	nagna (Water flea)): > 1 mg/l l d on data from similar materials
Toxi	city to microorganisms	:	Exposure time: 17 Method: OECD Te	
	<b>iistence and degradabili</b> lata available	ty		
	accumulative potential lata available			
	Mobility in soil			
Othe	lata available er adverse effects lata available			

## SECTION 13. DISPOSAL CONSIDERATIONS

<b>Disposal methods</b> Waste from residues	Dispose of in accordance with local regulat Do not dispose of waste into sewer.	ions.
Contaminated packaging	Empty containers should be taken to an ap handling site for recycling or disposal. If not otherwise specified: Dispose of as ur	

## **SECTION 14. TRANSPORT INFORMATION**

# International Regulations



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UNR Not re	<b>FDG</b> egulated as a dangero	us good			
	-DGR egulated as a dangerc	us good			
	IMDG-Code Not regulated as a dangerous good				
	sport in bulk accordi pplicable for product a	-	RPOL 73/78 and the IBC Code		
Dome	estic regulation				
	<b>49 CFR</b> Not regulated as a dangerous good				
	ial precautions for u pplicable	ser			

### **SECTION 15. REGULATORY INFORMATION**

### **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

#### 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

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### **US State Regulations**

#### Pennsylvania Right To Know

PFPE fluid Fluoropolymer Additive Trade secret Trade secret Trade secret

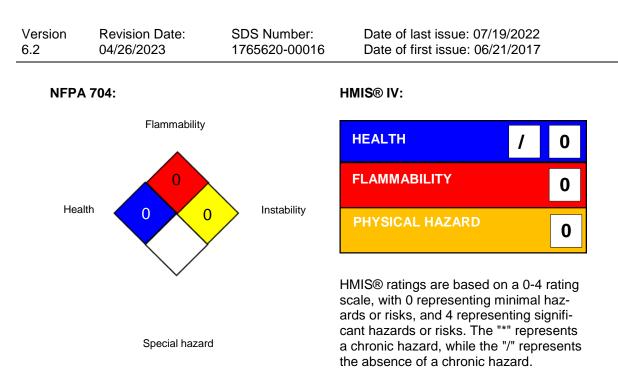
#### California Prop. 65

WARNING: This product can expose you to chemicals including Molybdenum trioxide, which is/are known to the State of California to cause cancer, and 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.

#### **SECTION 16. OTHER INFORMATION**

#### Further information





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

#### Full text of other abbreviations

ACGIH:USA. ACGIH Threshold Limit Values (TLV)NIOSH REL:USA. NIOSH Recommended Exposure LimitsOSHA Z-1:USA. Occupational Exposure Limits (OSHA) - Table Zits for Air Contaminants:	-1 Lim-
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-h workday during a 40-hour workweek	our
NIOSH REL / ST : STEL - 15-minute TWA exposure that should not be e at any time during a workday	xceeded
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	

AIIC - Australian Inventory of Industrial Chemicals; 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

# SAFETY DATA SHEET



# Krytox<sup>™</sup> GPL 217

Version	Revision Date:	SDS Number:	Date of last issue: 07/19/2022
6.2	04/26/2023	1765620-00016	Date of first issue: 06/21/2017

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; 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

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

: 04/26/2023

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

US / Z8