according to the OSHA Hazard Communication Standard



Krytox[™] Anti-Rust 4578

Versic 1.1	on Revision Date: 10/24/2024	SDS Nur 1129075		Date of last issue: 11/02/2023 Date of first issue: 11/02/2023
SECT	ION 1. IDENTIFICATION			
F	Product name	: Kryto	x™ Anti-Rus	it 4578
F	Product code	: D154	45174	
S	DS-Identcode	: 1300	00150962	
N	Anufacturer or supplier's	details		
C	Company name of supplier	: The (Chemours Co	ompany FC, LLC
Д	ddress		Market Stree	et 9801 United States of America (USA)
Т	elephone	: 1-844	-773-CHEM	(outside the U.S. 1-302-773-1000)
E	mergency telephone	773-2		cy: 1-866-595-1473 (outside the U.S. 1-302- sport emergency: +1-800-424-9300 (outside 27-3887)
R	Recommended use of the c	hemical a	nd restrictio	ons on use
F	Recommended use	: Lubri	cant	
F	Restrictions on use	Do no tions interr writte	involving imp al body fluid n agreemen	only. ell Chemours™ materials in medical applica- blantation in the human body or contact with s 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

according to the OSHA Hazard Communication Standard



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Components

Chemical name	CAS-No.	Concentration (% w/w)
1,1,1,2,2,3,4,5,5,5-	138495-42-8	>= 30 - < 50
Decafluoropentane		
Poly(oxy <trifluoro(trifluoromethyl)ethy lene>), omega-fluoro-alpha- <tetrafluoro-1 <<(hydroxyphenoxy-<br="">phosphinyl)oxy>methyl>ethyl>-</tetrafluoro-1></trifluoro(trifluoromethyl)ethy 	Not Assigned	>= 1 - < 5

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

If inhaled	:	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
In case of skin contact	:	Wash with water and soap as a precaution. Get medical attention if symptoms occur.
In case of eye contact	:	Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.
If swallowed	:	If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.
Most important symptoms and effects, both acute and delayed	:	Inhalation may provoke the following symptoms: Irritation Shortness of breath
Protection of first-aiders	:	No special precautions are necessary for first aid responders.
Notes to physician	:	Treat symptomatically 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 Carbon oxides potentially toxic fluorinated compounds

according to the OSHA Hazard Communication Standard



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	Specific extinguishing meth- ods	:	cumstances and to Use water spray to	eulates I measures that are appropriate to local cir- the surrounding environment. Io cool unopened containers. ged containers from fire area if it is safe to do
	Special protective equipment for fire-fighters	:	necessary.	ed breathing apparatus for firefighting if tective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Follow safe handling advice (see section 7) and personal pro- tective equipment recommendations (see section 8).
Environmental precautions	:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). 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.

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-

according to the OSHA Hazard Communication Standard



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			sessment Take care to prev environment.	vent spills, waste and minimize release to the
			Do not breathe d	ecomposition products.
Con	ditions for safe storage	:		labeled containers. nce with the particular national regulations.
Mate	erials to avoid	:	No special restric	tions on storage with other products.

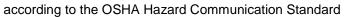
SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
1,1,1,2,2,3,4,5,5,5- Decafluoropentane	138495-42-8	TWA	225 ppm 2,320 mg/m³	WEEL
		STEL	700 ppm 7,217 mg/m ³	WEEL

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
		TWA	3 ppm	OSHA Z-2
		С	6 ppm 5 mg/m³	NIOSH REL
		TWA	3 ppm 2.5 mg/m ³	NIOSH REL
Carbonyl difluoride	353-50-4	TWA	2 ppm	ACGIH
		STEL	5 ppm	ACGIH
		TWA	2 ppm 5 mg/m ³	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 ³	NIOSH REL
		ST	30,000 ppm 54,000 mg/m ³	NIOSH REL
		TWA	5,000 ppm	OSHA Z-1





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sion	Revision Date: 10/24/2024	-	DS Number: 290755-00002		ast issue: 11/02/2023 irst issue: 11/02/2023	
		ĺ			$0.000 m g/m^{3}$	
Carbo	on monoxide		630-08-0	TWA	9,000 mg/m ³ 25 ppm	ACGIH
				TWA	35 ppm 40 mg/m ³	NIOSH RE
				С	200 ppm 229 mg/m ³	NIOSH RE
				TWA	50 ppm 55 mg/m³	OSHA Z-1
Engii	neering measures	:	10). Ensure adequ	ate ventilatior	dous compounds (se n, especially in confin ire concentrations.	
Perso	onal protective equip	ment	:			
	iratory protection		concentrations unknown, app Follow OSHA use NIOSH/M by air purifying dous chemica respirator if the exposure leve	s are above re ropriate respi respirator reg SHA approve g respirators a l is limited. Us ere is any pot ls are unknow	below recommended ecommended limits of ratory protection shor julations (29 CFR 197 d respirators. Protect against exposure to a se a positive pressure ential for uncontrolled wh, or any other circuit ors may not provide a	r are uld be worn. 10.134) and ion provided ny hazar- a air supplied d release, mstance
Hand	protection					
Re	emarks	:	Wash hands b	efore breaks	and at the end of wo	rkday.
Eye p	protection	:	Wear the follo Safety glasses		l protective equipmer	nt:
Skin a	and body protection	:	Skin should be	e washed afte	er contact.	
Hygie	ene measures	:		ystems and sa o not eat, drin		

Appearance	:	viscous liquid
Color	:	No data available

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Odo	r	:	No data available	9
Odo	r Threshold	:	No data available	9
рН		:	No data available	9
Melti	ing point/freezing point	:	No data available	9
Initia rang	I boiling point and boiling e	:	No data available)
Flas	h point	:	No data available	9
Evap	poration rate	:	No data available	9
Flam	nmability (solid, gas)	:	Not applicable	
Flam	nmability (liquids)	:	Will not burn	
	er explosion limit / Upper mability limit	:	No data available	
	er explosion limit / Lower mability limit	:	No data available	9
Vapo	or pressure	:	No data available	9
Rela	tive vapor density	:	No data available	9
Rela	tive density	:	No data available	9
	bility(ies) Vater solubility	:	No data available	
	tion coefficient: n- nol/water	:	No data available	9
Auto	ignition temperature	:	No data available	9
Deco	omposition temperature	:	No data available	9
Visc V	osity 'iscosity, kinematic	:	No data available	9
Expl	osive properties	:	Not explosive	
Oxid	izing properties	:	The substance o	r mixture is not classified as oxidizing.
	cle characteristics cle size	:	Not applicable	

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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 protection protection for the second seco		ucts Hydrogen fluoride Carbonyl difluoride Carbon dioxide

Carbon monoxide

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation Skin contact Ingestion Eye contact

Acute toxicity

Not classified based on available information.

Components:

1,1,1,2,2,3,4,5,5,5-Decafluoropentane:

Acute oral toxicity	: LD50 (Rat): > 5,000 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	 LC50 (Rat): 114.428 mg/l Exposure time: 4 h Test atmosphere: vapor Method: OECD Test Guideline 403 No observed adverse effect concentration (Dog): 5000 ppm Test atmosphere: gas
	Method: Cardiac sensitization study
	Lowest observed adverse effect concentration (Dog): > 5000 ppm
	Test atmosphere: gas Method: Cardiac sensitization study

Cardiac sensitisation threshold limit (Dog): > 51,544 mg/m³

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Test atmosphere: gas Method: Cardiac sensitization study Acute dermal toxicity LD50 (Rabbit): > 5,000 mg/kg Method: OECD Test Guideline 402 Poly(oxy-trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha- <tetrafluoro-1 <<(hydroxynoxyphosphinyl)oxy="">methyl>ethyl>- : . Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg Skin corrosion/irritation . Not classified based on available information. . Components: . 1,1,2,2,3,4,5,5,5-Decafluoropentane: . Species : Rabbit Method : No skin irritation Poly(oxy-trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxynoxynoxynoxyhosphinyl)oxy="">methyl>ethyl>- : . Species : Rabbit Result : No skin irritation Poly(oxy-trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxynoxynoxynoxynoxynoxynoxynoxynoxynoxyn<="" th=""><th>sion</th><th>Revision Date: 10/24/2024</th><th>-</th><th>OS Number: 290755-00002</th><th>Date of last issue: 11/02/2023 Date of first issue: 11/02/2023</th></tetrafluoro-1></tetrafluoro-1></tetrafluoro-1>	sion	Revision Date: 10/24/2024	-	OS Number: 290755-00002	Date of last issue: 11/02/2023 Date of first issue: 11/02/2023
Acute dermal toxicity LD50 (Rabbit): > 5,000 mg/kg Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyl="" moxyphosphinyl)oxy="">methyl>ethyl>- : Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg Skin corrosion/irritation Not classified based on available information. Components: 1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Rabbit Method : OECD Test Guideline 404 Result : No skin irritation Poly(oxy<trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyl="" noxyphosphinyl)oxy="">methyl>ethyl>- : Species : No skin irritation Poly(oxy<trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyl="" noxyphosphinyl)oxy="">methyl>ethyl>- : : Species : Rabbit Result : No skin irritation Serious eye damage/eye irritation Not classified based on available information. Components: : 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Rabbit Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy<trifluoro(trifluoromethyl)ethylene>), omega-fluor</trifluoro(trifluoromethyl)ethylene></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>				Test atmosphere	e: gas
Method: OECD Test Guideline 402 Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyl="" noxyphosphinyl)oxy="">methyl>ethyl>- : Acute oral toxicity : Acute oral toxicity : Acute oral toxicity : Not classified based on available information. Components: 1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Result : No skin irritation Poly(oxy<trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyl="" noxyphosphinyl)oxy="">methyl>ethyl>- : Species :</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>				Method: Cardiac	sensitization study
noxyphosphinyl)oxy>methyl>ethyl>- : Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg Skin corrosion/irritation Not classified based on available information. Components: 1,1,1,2,3,4,5,5,5-Decafluoropentane: Species : Rabbit Method : OECD Test Guideline 404 Result : No skin irritation Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxy]="" noxyphosphinyl)oxy="">methyl>ethyl>- : Species : Rabbit Result : No skin irritation Serious eye damage/eye irritation Not classified based on available information. Components: 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Rabbit Result : No skin irritation Serious eye damage/eye irritation Not classified based on available information. Components: 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Rabbit Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy<trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxy]="" noxyphosphinyl)oxy="">methyl>ethyl>- : Species : Rabbit Result : No eye irritation Not classified based on available information. Components: 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Rabbit Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy<trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxy]="" noxyphosphinyl)oxy="">methyl>ethyl>- : Species : Rabbit Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>	Acute	dermal toxicity	:		
Skin corrosion/irritation Not classified based on available information. Components: 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Result : Wethod : OECD Test Guideline 404 Result : Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyrnoxyphosphinyl)oxy="">methyl>ethyl>- : : Species : Result : Species : Not classified based on available information. Components: : 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Result : Not classified based on available information. Components: : 1,1,1,2,2,3,4,5,5,5-Decafluoropentane:</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>					a-fluoro-alpha- <tetrafluoro-1 <<(hydroxyph<="" td=""></tetrafluoro-1>
Skin corrosion/irritation Not classified based on available information. Components: 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Result : Wethod : OECD Test Guideline 404 Result : Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyrnoxyphosphinyl)oxy="">methyl>ethyl>- : : Species : Result : Species : Not classified based on available information. Components: : 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Result : Not classified based on available information. Components: : 1,1,1,2,2,3,4,5,5,5-Decafluoropentane:</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>	:				
Not classified based on available information. Components: 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Result : Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyfnoxyphosphinyl)oxy="">methyl>ethyl>- : : Species : Result : Species : Result : Species : Result : Species : Result : Species : Species : Species : Species : Not classified based on available information. Components: 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Species : Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy<trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyfnoxyfnoxyfnoxyfnoxyfnoxyfnoxyfnoxyfn<="" td=""><td>Acute</td><td>oral toxicity</td><td>:</td><td>LD50 (Rat): > 5,</td><td>000 mg/kg</td></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>	Acute	oral toxicity	:	LD50 (Rat): > 5,	000 mg/kg
Components: 1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Result : Result : Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyrnoxyphosphinyl)oxy="">methyl>ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyrnoxyphosphinyl)oxy="">methyl>ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyrnoxyphosphinyl)oxy="">methyl>ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyrnoxyphosphinyl)oxy="">methyl>ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyrnoxyphosphinyl)oxy="">methyl>ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyrnoxyphosphinyl)oxy="">methyl = thylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyrnoxyphosphinyl)oxy="">methyl>ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyrnoxyphosphinyl)oxy="">methyl>ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyrnoxyphosphinyl)oxy="">methyl>ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyrnoxyphosphinyl)oxy="">methyl>ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyrnoxyrnoxyphosphinyl)oxy="">methyl>ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyrnoxyrnoxyrnoxyphosphinyl)oxy="">methyl>ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyrnoxyrnoxyrnoxyrnoxyrnoxyrnoxyrnoxyr<="" td=""><td>Skin</td><td>corrosion/irritation</td><td></td><td></td><td></td></tetrafluoro-1></tetrafluoro-1></tetrafluoro-1></tetrafluoro-1></tetrafluoro-1></tetrafluoro-1></tetrafluoro-1></tetrafluoro-1></tetrafluoro-1></tetrafluoro-1></tetrafluoro-1></tetrafluoro-1></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>	Skin	corrosion/irritation			
1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Result : Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxynoxynoxyhosphinyl)oxy="">methyl>ethyl>- : : Species : Result : Species : Result : No skin irritation Not classified based on available information. Components: 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : No eye irritation Method : OECD Test Guideline 405 Poly(oxy<trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyr="" noxyphosphinyl)oxy="">methyl>ethyl>- : : Species :</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>	Not cl	assified based on av	ailable	information.	
Species : Rabbit Method : OECD Test Guideline 404 Result : No skin irritation Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxygnoxyphosphinyl)oxy="">methyl>ethyl>- : : Species : Rabbit Result : No skin irritation Serious eye damage/eye irritation Not classified based on available information. Components: 1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Rabbit Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy<trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxygnoxygnoxyphosphinyl)oxy="">methyl>ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxygnoxygnoxyphosphinyl)oxy="">methyl>ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxygnoxygnoxygnoxyphosphinyl)oxy="">methyl>ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxygnoxygnoxygnoxygnoxygnoxyphosphinyl)oxy="">methyl>ethyl>- : : Species : Rabbit Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization</tetrafluoro-1></tetrafluoro-1></tetrafluoro-1></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>	Comp	oonents:			
Method : OECD Test Guideline 404 Result : No skin irritation Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxygnoxyphosphinyl)oxy="">methyl>ethyl>- : : Species : Result : Serious eye damage/eye irritation Not classified based on available information. Components: 1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Species : Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy<trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxygnoxygnoxyphosphinyl)oxy="">methyl>ethyl>- : : Species : Result : : : Species : : : Species : : : Species : : : : : : : : : :<!--</td--><td>1,1,1,</td><td>2,2,3,4,5,5,5-Decaflı</td><td>uorope</td><td>ntane:</td><td></td></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>	1,1,1,	2,2,3,4,5,5,5-Decaflı	uorope	ntane:	
Result : No skin irritation Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyr="" noxyphosphinyl)oxy="">methyl>ethyl>- : : Species : Rabbit Result : No skin irritation Serious eye damage/eye irritation . Not classified based on available information. Components: 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: . Species : Rabbit Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy<trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyr="" noxyphosphinyl)oxy="">methyl>ethyl>- : . Species : Rabbit Result : OECD Test Guideline 405 Poly(oxy<trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyr="" noxyphosphinyl)oxy="">methyl>ethyl>- : . Species : Rabbit Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>			:		
Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyl<br="">noxyphosphinyl)oxy>methyl>ethyl>- : Species : Rabbit Result : No skin irritation Serious eye damage/eye irritation Not classified based on available information. Components: 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Rabbit Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy<trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyl<br="">noxyphosphinyl)oxy>methyl>- : Species : Rabbit Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene></tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>			:		
noxyphosphinyl)oxy>methyl>ethyl>- : Species : Rabbit Result : No skin irritation Serious eye damage/eye irritation Not classified based on available information. Components: 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Rabbit Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxygnoxyphosphinyl)oxy="">methyl>ethyl>- : Species : Rabbit Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>	Resul	t	:	No skin irritation	
Result : No skin irritation Serious eye damage/eye irritation Not classified based on available information. Components: 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Rabbit Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxygnoxyphosphinyl)oxy="">methyl>ethyl>- : : Species : Rabbit Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>					a-fluoro-alpha- <tetrafluoro-1 <<(hydroxyph<="" td=""></tetrafluoro-1>
Result : No skin irritation Serious eye damage/eye irritation Not classified based on available information. Components: 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Rabbit Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxygnoxyphosphinyl)oxy="">methyl>ethyl>- : : Species : Rabbit Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>	:				
Serious eye damage/eye irritation Not classified based on available information. Components: 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Rabbit Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxygnoxyphosphinyl)oxy="">methyl>ethyl>- : : Species : Rabbit Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>	•		:		
Not classified based on available information. Components: 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Rabbit Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyf<br="">noxyphosphinyl)oxy>methyl>ethyl>- : Species : Rabbit Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>	Resul	t	:	No skin irritation	
Components: 1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Rabbit Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxygnoxyphosphinyl)oxy="">methyl>ethyl>- : : Species : Rabbit Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>	Serio	us eye damage/eye	irritati	on	
1,1,1,2,2,3,4,5,5,5-Decafluoropentane: Species : Rabbit Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyr="" noxyphosphinyl)oxy="">methyl>ethyl>- : Species : Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>	Not cl	assified based on av	ailable	information.	
Species : Rabbit Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyfnoxyphosphinyl)oxy="">methyl>ethyl>- : : Species : Rabbit Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>	Comp	oonents:			
Result : No eye irritation Method : OECD Test Guideline 405 Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxypnoxyphosphinyl)oxy="">methyl>ethyl>- : : Species : Rabbit Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>	1,1,1,	2,2,3,4,5,5,5-Decaflu	uorope	ntane:	
Method : OECD Test Guideline 405 Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxypnoxyphosphinyl)oxy="">methyl>ethyl>- : : Species : Rabbit Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>			:		
Poly(oxy <trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyt<br="">noxyphosphinyl)oxy>methyl>ethyl>- : Species : Rabbit Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization</tetrafluoro-1></trifluoro(trifluoromethyl)ethylene>			:		
noxyphosphinyl)oxy>methyl>ethyl>- : Species : Rabbit Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization	Metho	bd	:	OECD Test Guid	deline 405
Species : Rabbit Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization					a-fluoro-alpha- <tetrafluoro-1 <<(hydroxyph<="" td=""></tetrafluoro-1>
Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization	:				
Result : Irritation to eyes, reversing within 21 days Respiratory or skin sensitization Skin sensitization	Speci	es	:	Rabbit	
Skin sensitization			:	Irritation to eyes	, reversing within 21 days
Skin sensitization	Respi	iratory or skin sens	itizatio	'n	
	-	-			
Not allocation based on evallable information	-				

Not classified based on available information.

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Respiratory sensitization

Not classified based on available information.

Components:

1,1,1,2,2,3,4,5,5,5-Decafluoropentane:

Test Type	:	Buehler Test
Routes of exposure	:	Skin contact
Species	:	Guinea pig
Method	:	OECD Test Guideline 406
Result	:	negative

Poly(oxy<trifluoro(trifluoromethyl)ethylene>), omega-fluoro-alpha-<tetrafluoro-1 <<(hydroxyphe-noxyphosphinyl)oxy>methyl>ethyl>-

:		
Routes of exposure	:	Skin contact
Species	:	Guinea pig
Result	:	negative

Germ cell mutagenicity

Not classified based on available information.

Components:

1,1,1,2,2,3,4,5,5,5-Decafluoropentane:

Genotoxicity in vitro	:	Test Type: Bacterial reverse mutation assay (AMES) Method: OECD Test Guideline 471 Result: negative
		Test Type: In vitro mammalian cell gene mutation test Method: OECD Test Guideline 476 Result: negative
Genotoxicity in vivo	:	Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Rat Application Route: inhalation (vapor) Method: OECD Test Guideline 474 Result: negative
Germ cell mutagenicity - Assessment	:	Weight of evidence does not support classification as a germ cell mutagen.

Carcinogenicity

Not classified based on available information.

IARC	No ingredient of this product present at levels greater than or equal to 0.1% is
	identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

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	NTP				t at levels greater than or equal to 0.1% is carcinogen by NTP.
	Reproductive toxicity Not classified based on available information.				
	Comp	onents:			
	1,1,1,2	2,2,3,4,5,5,5-Decafluor	ope	entane:	
	Effects	s on fertility	:	Species: Rat	eneration reproduction toxicity study :: inhalation (vapor) est Guideline 415
	Effects on fetal development		:	Species: Rat Application Route	tal development toxicity study (teratogenicity) e: inhalation (vapor) est Guideline 414
	Reproductive toxicity - As- sessment		:	Weight of evidence ductive toxicity	ce does not support classification for repro-
	STOT-single exposure				
	Not classified based on availab		able	information.	
	Components:				
	1,1,1,2,2,3,4,5,5,5-Decafluoro		ope	entane:	
	Routes of exposure : Assessment :		:	Ingestion No significant hea tions of 2000 mg/	alth effects observed in animals at concentra- kg bw or less
	Routes of exposure : Assessment :		Skin contact No significant hea tions of 2000 mg/	alth effects observed in animals at concentra- kg bw or less	
	Routes of exposure : Assessment :		:	inhalation (vapor) No significant hea	alth effects observed in animals at concentra-

STOT-repeated exposure

Not classified based on available information.

Components:

1,1,1,2,2,3,4,5,5,5-Decafluoropentane:

Routes of exposure	:	inhalation (vapor)
Assessment	:	No significant health effects observed in animals at concentra-
		tions of 1 mg/l/6h/d or less.

tions of 20 mg/l/4h or less

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Repeated dose toxicity

Components:

1,1,1,2,2,3,4,5,5,5-Decafluoropentane:

Species	: Rat, male and female
NOAEL	: 15.463 mg/l
LOAEL	: 20.618 mg/l
Application Route	: inhalation (vapor)
Exposure time	: 90 Days
Method	: OECD Test Guideline 413

Aspiration toxicity

Not classified based on available information.

Components:

1,1,1,2,2,3,4,5,5,5-Decafluoropentane:

No aspiration toxicity classification

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

1,1,1,2,2,3,4,5,5,5-Decafluor	ope	entane:
Toxicity to fish	:	LC50 (Danio rerio (zebra fish)): 13 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 10.6 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	EC50 (Selenastrum capricornutum (green algae)): > 120 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
		NOEC (Scenedesmus capricornutum (fresh water algae)): 120 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to daphnia and other aquatic invertebrates (Chron-ic toxicity)	:	NOEC (Daphnia magna (Water flea)): 1.72 mg/l Exposure time: 21 d Method: OECD Test Guideline 211

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	oxy <trifluoro(trifluorom ohosphinyl)oxy>methyl</trifluoro(trifluorom 			ga-fluoro-alpha- <tetrafluoro-1 <<(hydroxyphe<="" td=""></tetrafluoro-1>	
:					
Ecot	oxicology Assessmei	nt			
Acute	e aquatic toxicity	:	Toxic effects cannot be excluded		
Chro	nic aquatic toxicity	:	Toxic effects cannot be excluded		
Persi	istence and degradab	oility			
Com	ponents:				
1,1,1	,2,2,3,4,5,5,5-Decaflud	orope	entane:		
Biode	egradability	:	: Result: Not readily biodegradable. Method: OECD Test Guideline 301D		
Bioa	ccumulative potential	I			
Com	ponents:				
1,1,1	,2,2,3,4,5,5,5-Decafluc	orope	entane:		
Bioad	ccumulation	:	Remarks: Bioaccumulation is unlikely.		
	ion coefficient: n- nol/water	:	log Pow: 2.4 (75 °F / 24 °C)		
Mobi	lity in soil				
	ata available				
Othe	r adverse effects				
No da	ata available				
SECTION	13. DISPOSAL CONS	SIDEF	ATIONS		
Disp	osal methods				
-	e from residues	:	: Dispose of in accordance with local regulations. Do not dispose of waste into sewer.		
Conta	aminated packaging	:	: Empty containers should be taken to an approved waste handling site for recycling or disposal.		

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG Not regulated as a dangerous good IATA-DGR

If not otherwise specified: Dispose of as unused product.

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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

Not regulated as a dangerous good

Special precautions for user

Not applicable

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 fluidTrade secret1,1,1,2,2,3,4,5,5,5-Decafluoropentane138495-42-8Poly(oxy<trifluoro(trifluoromethyl)ethylene>), omega-fluoro-Not Assignedalpha-<tetrafluoro-1 <<(hydroxyphenoxyphos-</td>Not Assignedphinyl)oxy>methyl>ethyl>-

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 cancer, and Carbon monoxide, 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.

2

International Regulations

Montreal Protocol

1,1,1,2,2,3,4,5,5,5-Decafluoropentane

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Additional regulatory information

1,1,1,2,2,3,4,5,5,5-

138495-42-8

Decafluoropentane

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 § 721.5645

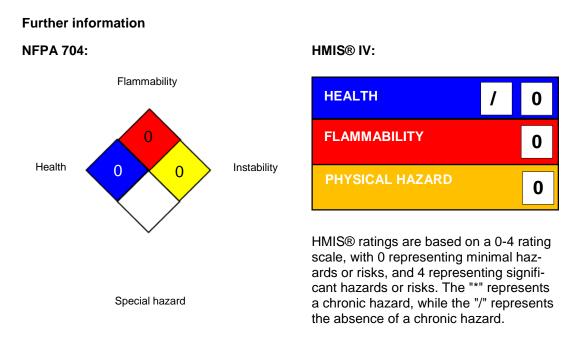
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This material contains one or more substances which requires export notification under TSCA Section 12(b) and 40 CFR Part 707 Subpart D:

SECTION 16. OTHER INFORMATION



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 abbreviation	ons	
ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL	:	USA. NIOSH Recommended Exposure Limits
OSHA Z-1	÷	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim- its for Air Contaminants
OSHA Z-2	:	USA. Occupational Exposure Limits (OSHA) - Table Z-2
WEEL	:	Workplace Environmental Exposure Levels (WEEL)
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

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OSH/ OSH/ WEE	H REL / C A Z-1 / TWA A Z-2 / TWA L / STEL L / TWA	: Ceiling value n : 8-hour time we : 8-hour time we : Short term exp : 8-hr TWA	ighted 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 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 Amend-ments 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 : compile the Material Safety	:	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agen-
Data Sheet		cy, http://echa.europa.eu/

Revision Date

: 10/24/2024

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

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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



Ref:	130000150962		
Revision date:	02/26/2024		
Version	1.1		

TRI Supplier Notification for Chemicals of Special Concern

Product name: Krytox[™] Anti-Rust 4578

This letter is to inform you that the product listed above that we sell to you contains the following chemical(s) subject to section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). We are required to notify you of the presence of these chemicals in the product under EPCRA section 313. This law requires certain industrial facilities to report on annual emissions and other waste management of specified EPCRA section 313 chemicals and chemical categories. Chemicals of Special Concern are a subpart listing of chemicals and compounds subject to the Supplier Notification Requirements in 40 C.F.R. 372.45. The chemical(s) listed below may not be intentionally present in the product; however, it is possible that these chemical(s) may be present as an impurity and the exact concentration may vary between batches.

Chemical name	CAS No.	Value	Unit	Test Method
Perfluorobutanoic acid	375-22-4	< 4	PPB	Chemours Extraction SOP*

*Chemours SOP for Extraction of Residuals from Fluoropolymer Matrices. <u>https://www.chemours.com/en/-</u>/media/files/corporate/sop-residual-extractions-from-fluoropolymer-matrices.pdf

The data above is based on the best readily available information as of the date of this letter, which may include representative samples of products. This information is supplemental to safety and regulatory information provided on the SDS. The content of this letter is confidential and intended for the recipient to use for regulatory purposes only.

Please note that if you repackage or otherwise redistribute this product to certain industrial customers as per 40 CFR 372.45(a)(3)(ii), a notice similar to this one should be sent to those customers.

If you have any questions or concerns, please reach out to your account manager.

Disclaimer:

This information is given in good faith and is based on data we believe to be reliable on our current level of knowledge as of the date of this response. The information applies only to the specific material designated herein as sold by Chemours and does not apply to use in any process or in combination with any other material. Since conditions of use and applications of above-mentioned products are outside Chemours' control, Chemours makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Please note that we do not routinely analyze our products for non-intentionally added substances, unless required for regulatory compliance purposes.

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