

Versio 5.1	n Revision Date: 05/24/2019		DS Number: 90296-00006	Date of last issue: 11/07/2018 Date of first issue: 06/27/2017	
SECT	ION 1. IDENTIFICATION				
Р	Product name		Krytox™ 283AD		
Р	roduct code	:	D12431617		
S	DS-Identcode	:	130000031473		
м	lanufacturer or supplier's	deta	nils		
С	company name of supplier	:	The Chemours Co	ompany FC, LLC	
A	Address		1007 Market Street Wilmington, DE 19801 United States of America (USA)		
Т	elephone	:	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 (outsid the U.S. +1-703-527-3887)		
R	ecommended use of the c	hemical and restrictio		ons on use	
R	Recommended use		Lubricant		
R	estrictions on use	:	tions involving imp internal body fluid written 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 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



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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 Lung edema Eye contact may provoke the following symptoms Blurred vision Discomfort Lachrymation Skin contact may provoke the following symptoms: Irritation Redness				
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 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.



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					o cool unopened containers. ged containers from fire area if it is safe to do	
Special protective equipment : for fire-fighters			:	Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.		
SEC	TION 6	ACCIDENTAL RELE	ASE	E MEASURES		
	Personal precautions, protec- tive equipment and emer- gency procedures		:	Follow safe handling advice and personal protective equipment recommendations.		
	Environmental precautions : Methods and materials for containment and cleaning up		:	Prevent further lea Retain and dispos	e environment must be avoided. akage or spillage if safe to do so. e of contaminated wash water. should be advised if significant spillages ed.	
			:	Soak up with inert absorbent material. 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. 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. 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 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.



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	er information on stor- tability	: No decomposition	on if stored and applied as directed.

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/m ³	NIOSH REL
		TWA	3 ppm	OSHA Z-2
		TWA	0.5 ppm (Fluorine)	ACGIH
		С	2 ppm (Fluorine)	ACGIH
Carbonyl difluoride	353-50-4	TWA	2 ppm	ACGIH
		STEL	5 ppm	ACGIH
		ST	5 ppm 15 mg/m³	NIOSH REL
		TWA	2 ppm 5 mg/m ³	NIOSH REL
Carbon dioxide	124-38-9	TWA	5,000 ppm	ACGIH
		STEL	30,000 ppm	ACGIH
		TWA	5,000 ppm 9,000 mg/m ³	OSHA Z-1
		TWA	5,000 ppm 9,000 mg/m ³	NIOSH REL
		ST	30,000 ppm 54,000 mg/m ³	NIOSH REL
Carbon monoxide	630-08-0	TWA	25 ppm	ACGIH
		TWA	35 ppm 40 mg/m ³	NIOSH REL
		С	200 ppm 229 mg/m ³	NIOSH REL
		TWA	50 ppm 55 mg/m ³	OSHA Z-1

Engineering measures

Processing may form hazardous compounds (see section 10).

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

:



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Pei	rsonal protective equipn	nent	t			
Re	spiratory protection	:	maintain vapor ex concentrations ar unknown, approp Follow OSHA res use NIOSH/MSH/ by air purifying re hazardous chemic supplied respirator release, exposure circumstance whe	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 nazardous 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 befo	re breaks and at the end of workday.		
Eye	Eye protection		Wear the following Safety glasses	g personal protective equipment:		
Ski	n and body protection	:	Skin should be wa	ashed after contact.		
Ну	giene measures	:	located close to the When using do not	ushing systems and safety showers are ne working place. ot eat, drink or smoke. ed 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 flammability limit	:	No data available



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		explosion limit / Lower bility limit	:	No data available	
	Vapor p	pressure	:	1.89 - 1.93 hPa	
	Relative	e vapor density	:	Not applicable	
	Relative	e density	:	1.89 - 1.93	
	Solubili Wate	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	
	Viscosil Visc	ty osity, kinematic	:	Not applicable	
	Explosi	ve properties	:	Not explosive	
	Oxidizir	ng properties	:	The substance or	mixture is not classified as oxidizing.
	Particle	size	:	No data available	9

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac- tions	:	Hazardous decomposition products will be formed at elevated temperatures.
Conditions to avoid	:	None known.
Incompatible materials	:	None.
11		

Hazardous decomposition products

Thermal decomposition	: Hydrofluoric acid	
	Carbonyl difluoride	
	Carbon dioxide	
	Carbon monoxide	



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ECTION	11. TOXICOLOGICA	L INFO	ORMATION	
Infor	mation on likely rout	es of e	exposure	
	contact			
Inges				
-	contact			
	e toxicity			
	lassified based on ava	ailable	information.	
Prod				
Acute	e oral toxicity	:	Assessment: T icity	he substance or mixture has no acute oral tox
Acute	e inhalation toxicity	:		estimate: 111.11 mg/l
			Exposure time:	
			Test atmosphe Method: Calcul	
Com	ponents:			
Sodiu	um nitrite:			
Acute	e oral toxicity	:	LD50 (Rat): 18	0 mg/kg
Acute	e inhalation toxicity	:	LC50 (Rat): 5.5	5 mg/l
	-		Exposure time:	
			Test atmosphe	re: dust/mist
Skin	corrosion/irritation			
Not c	lassified based on ava	ailable	information.	
Com	ponents:			
Sodiu	um nitrite:			
Speci		:	Rabbit	11.11. AOA
Metho		:	OECD Test Gu	lideline 404

Serious eye damage/eye irritation

Not classified based on available information.

Components:

Result

Sodium nitrite:

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

: No skin irritation

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.



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Resp	iratory sensitizatio	n	
Not cl	assified based on a	vailable information.	
	cell mutagenicity		
		vailable information.	
Comp	<u>oonents:</u>		
Sodiu	um nitrite:		
Geno	toxicity in vitro	: Test Type: Ba Result: positiv	acterial reverse mutation assay (AMES) ve
		Test Type: In Result: positi	vitro mammalian cell gene mutation test ve
Geno	toxicity in vivo	: Test Type: M cytogenetic a Species: Mou	
			oute: Intraperitoneal injection
		cytogenetic a Species: Rat	
		Application R Result: negat	oute: Intraperitoneal injection ive
•			
Carci			
	nogenicity assified based on a	vailable information	
Not cl	assified based on a	vailable information.	
Not cl <u>Com</u> p	assified based on a conents:	vailable information.	
Not cl <u>Comp</u> Sodiu	assified based on a <u>conents:</u> Im nitrite:		
Not cl <u>Comp</u> Sodiu Speci	assified based on a <u>conents:</u> I m nitrite: es	vailable information. : Rat : Ingestion	
Not cl <u>Comp</u> Sodiu Speci Applic Expos	assified based on a <u>conents:</u> um nitrite: es cation Route sure time	: Rat : Ingestion : 2 Years	
Not cl <u>Comp</u> Sodiu Speci Applic	assified based on a <u>conents:</u> um nitrite: es cation Route sure time	: Rat : Ingestion	
Not cl <u>Comp</u> Sodiu Speci Applic Expos	assified based on a <u>ponents:</u> um nitrite: es cation Route sure time t Group 2A	: Rat : Ingestion : 2 Years : negative : Probably carcinogen	
Not cl <u>Comp</u> Sodiu Speci Applic Expos Resul	assified based on a <u>conents:</u> um nitrite: es cation Route sure time t Group 2A Sodium n	: Rat : Ingestion : 2 Years : negative x: Probably carcinogen itrite	ic to humans 7632-00-0 ns that result in endogenous nitrosation)
Not cl <u>Comp</u> Sodiu Speci Applic Expos Resul	assified based on a <u>conents:</u> um nitrite: es cation Route sure time t Group 2A Sodium n (nitrite (in A No compo	: Rat : Ingestion : 2 Years : negative : Probably carcinogen itrite gested) under conditio	7632-00-0 ns that result in endogenous nitrosation) resent at levels greater than or equal to 0.1%
Not cl <u>Comp</u> Sodiu Speci Applic Expos Resul IARC	assified based on a <u>ponents:</u> um nitrite: es cation Route sure time t Group 2A Sodium n (nitrite (in A No compo on OSHA No ingrec	: Rat : Ingestion : 2 Years : negative A: Probably carcinogen hitrite gested) under condition onent of this product pre- sonent of this product pre- dient of this product pre-	7632-00-0 ns that result in endogenous nitrosation) resent at levels greater than or equal to 0.1% inogens.
Not cl Comp Sodiu Speci Applic Expos Resul IARC OSHA NTP Repro	assified based on a <u>ponents:</u> um nitrite: es cation Route sure time t Group 2A Sodium n (nitrite (in A No compo on OSHA No ingrec identified	: Rat : Ingestion : 2 Years : negative A: Probably carcinogen itrite gested) under condition onent of this product pre- as a known or anticipa	7632-00-0 ns that result in endogenous nitrosation) resent at levels greater than or equal to 0.1% inogens. esent at levels greater than or equal to 0.1% is
Not cl Comp Sodiu Speci Applic Expos Resul IARC OSHA NTP Repro	assified based on a <u>ponents:</u> um nitrite: es cation Route sure time t Group 2A Sodium n (nitrite (in A No compo on OSHA No ingrec identified	: Rat : Ingestion : 2 Years : negative A: Probably carcinogen hitrite gested) under condition onent of this product pre- sonent of this product pre- dient of this product pre-	7632-00-0 ns that result in endogenous nitrosation) resent at levels greater than or equal to 0.1% inogens. esent at levels greater than or equal to 0.1% is
Not cl Comp Sodiu Speci Applic Expos Resul IARC OSHA NTP Repro	assified based on a <u>ponents:</u> um nitrite: es cation Route sure time t Group 2A Sodium n (nitrite (in A No compo on OSHA No ingrec identified	: Rat : Ingestion : 2 Years : negative A: Probably carcinogen itrite gested) under condition onent of this product pre- as a known or anticipa	7632-00-0 ns that result in endogenous nitrosation) resent at levels greater than or equal to 0.1% inogens. esent at levels greater than or equal to 0.1% is
Not cl Comp Sodiu Speci Applic Expos Resul IARC OSHA NTP Repro Not cl <u>Comp</u>	assified based on a ponents: um nitrite: es cation Route sure time t Group 2A Sodium n (nitrite (in No compo on OSHA No ingrec identified pductive toxicity assified based on a	: Rat : Ingestion : 2 Years : negative A: Probably carcinogen itrite gested) under condition onent of this product pre- as a known or anticipa	7632-00-0 ns that result in endogenous nitrosation) resent at levels greater than or equal to 0.1% inogens. esent at levels greater than or equal to 0.1% is



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			Species: Mouse Application Route Result: negative	: Ingestion
Effeo	cts on fetal development	:	Test Type: Embry Species: Rat Application Route Result: negative	o-fetal development : Ingestion
Not	T-single exposure classified based on availa T-repeated exposure	lble	information.	
	classified based on availa	ble	information.	
Rep	eated dose toxicity			
Com	ponents:			
Sodi	ium nitrite:			
Spec	cies	:	Rat	
NOA		:	10 mg/kg	
	ication Route	÷	Ingestion 2 y	
-	iration toxicity classified based on availa	bla	information	
SECTION	N 12. ECOLOGICAL INFO	ORN	ATION	
Eco	toxicity			
Com	ponents:			
	ium nitrite:			
	city to fish	:	LC50 (Oncorhync Exposure time: 96	hus mykiss (rainbow trout)): 0.54 mg/l S h
	city to daphnia and other atic invertebrates	:	Exposure time: 48	
			Method: OECD T	est Guideline 202
Toxi plant	city to algae/aquatic ts	:	EC50 (Scenedesi 100 mg/l Exposure time: 72 Method: OECD T	
			NOEC (Scenedes mg/l	mus capricornutum (fresh water algae)): 100



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			Method: OECD T	est Guideline 210
a	oxicity to daphnia and other quatic invertebrates (Chron- toxicity)		NOEC (Penaeid S Exposure time: 80	Shrimp): 9.86 mg/l) d
T	oxicity to microorganisms	:	EC50: 281 mg/l Exposure time: 48	3 h
	ersistence and degradabil o data available	ity		
	ioaccumulative potential o data available			
	obility in soil o data available			
•	ther adverse effects o data 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 numl

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 (Marino Rema	e pollutant	SIZES WHERE	FORMATION ONLY APPLIES TO PACKAGE 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	2020

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	:	The following components are subject to reporting level established by SARA Title III, Section 313:			
		Sodium nitrite	7632-00-0	>= 1 - < 5 %	

US State Regulations

Pennsylvania Right To Know

PFPE fluidTrade secretFluoropolymerTrade secretSodium nitrite7632-00-0

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.

California List of Hazardous Substances

Sodium nitrite

7632-00-0

Additional regulatory information

Sodium nitrite

7632-00-0

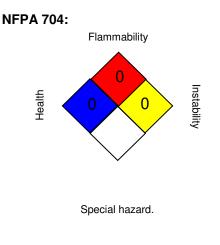
The United States Environmental Protection Agency (USEPA) has established a Significant New Use Rule (SNUR) for one of the components in this product. See 40 CFR § 721.4740



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SECTION 16. OTHER INFORMATION

Further information



HMIS® IV:



HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

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For further information contact the local Chemours office or nominated distributors. All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

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 OSHA Z-1 / TWA OSHA Z-2 / TWA	:	Ceiling value not be exceeded at any time. 8-hour time weighted average 8-hour time weighted average

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 Haz-



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ardous 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 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/

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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