

Version 11.7	Revision Date: 12/05/2022		DS Number: 329655-00045	Date of last issue: 04/14/2022 Date of first issue: 02/27/2017			
SECTION	I 1. IDENTIFICATION						
Product name		:	: Freon™ 134a Auto (HFC-134a) Refrigerant				
SDS	-Identcode	:	130000024024				
Man	ufacturer or supplier's	s deta	ails				
Com	Company name of supplier		The Chemours Company FC, LLC				
Address		:	1007 Market Street Wilmington, DE 19801 United States of America (USA)				
Tele	Telephone		1-844-773-CHEM (outside the U.S. 1-302-773-1000)				
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)				
Recommended use of the		cher	nical and restricti	ons on use			
Reco	Recommended use		Refrigerant				
Rest	Restrictions on use		For professional and industrial installation and use only.				

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)						
Gases under pressure	:	Liquefied gas				
Simple Asphyxiant						
GHS label elements						
Hazard pictograms	:					
Signal Word	:	Warning				
Hazard Statements	:	H280 Contains gas under pressure; may explode if heated. May displace oxygen and cause rapid suffocation.				
Precautionary Statements	:	Storage: P410 + P403 Protect from sunlight. Store in a well-ventilated place.				



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Other hazards

Vapors are heavier than air and can cause suffocation by reducing oxygen available for breathing. Misuse or intentional inhalation abuse may cause death without warning symptoms, due to cardiac effects.

Rapid evaporation of the product may cause frostbite.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture	: Substance
Substance name	: 1,1,1,2-Tetrafluoroethane
CAS-No.	: 811-97-2

Components

Chemical name	CAS-No.	Concentration (% w/w)
1,1,1,2-Tetrafluoroethane#	811-97-2	>= 99.9 - <= 100
# Voluntarily-disclosed substance		

Voluntarily-disclosed substance

SECTION 4. FIRST AID MEASURES

General advice	:	In the case of accident or if you feel unwell, seek medical ad- vice immediately. When symptoms persist or in all cases of doubt seek medical advice.
lf inhaled	:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
In case of skin contact	:	Thaw frosted parts with lukewarm water. Do not rub affected area. Get medical attention immediately.
In case of eye contact	:	Get medical attention immediately.
If swallowed	:	Ingestion is not considered a potential route of exposure.
Most important symptoms and effects, both acute and delayed	:	May cause cardiac arrhythmia. Other symptoms potentially related to misuse or inhalation abuse are Cardiac sensitization Anaesthetic effects Light-headedness Dizziness confusion Lack of coordination Drowsiness Unconsciousness Gas reduces oxygen available for breathing. Contact with liquid or refrigerated gas can cause cold burns and frostbite.



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Pro	tection of first-aiders	:	No special precau	itions are necessary for first aid responders.	
Not	Notes to physician		Because of possible disturbances of cardiac rhythm, ca- techolamine drugs, such as epinephrine, that may be used in situations of emergency life support should be used with spe- cial caution.		
SECTIO	N 5. FIRE-FIGHTING ME	ASL	JRES		
Suit	Suitable extinguishing media		Not applicable Will not burn		
Uns med	suitable extinguishing dia	:	: Not applicable Will not burn		
	Specific hazards during fire fighting			pustion products may be a hazard to health. rises there is danger of the vessels bursting por pressure.	
	Hazardous combustion prod- ucts		Hydrogen fluoride carbonyl fluoride Carbon oxides		
Spe ods	cific extinguishing meth-	:	 Use extinguishing measures that are appropriate to local c cumstances and the surrounding environment. Fight fire remotely due to the risk of explosion. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe t so. Evacuate area. 		
	ecial protective equipment fire-fighters	:	: Wear self-contained breathing apparatus for firefighti necessary. Use personal protective equipment.		

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Evacuate personnel to safe areas. Avoid skin contact with leaking liquid (danger of frostbite). Ventilate the area. 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. Retain and dispose of contaminated wash water.
Methods and materials for containment and cleaning up	:	Ventilate the area. 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



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			certain local or n	ational requirements.		
SECTION	7. HANDLING AND ST	ror.	AGE			
Technical measures		:	Use equipment rated for cylinder pressure. Use a backflow preventative device in piping. Close valve after each use and when empty.			
Local	Local/Total ventilation		Use only with adequate ventilation.			
Advice on safe handling		:	Avoid breathing gas. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure as- sessment Wear cold insulating gloves/ face shield/ eye protection. Valve protection caps and valve outlet threaded plugs must remain in place unless container is secured with valve outlet piped to use point. Use a check valve or trap in the discharge line to prevent ha- zardous back flow into the cylinder. Prevent backflow into the gas tank. Use a pressure reducing regulator when connecting cylinder to lower pressure (<3000 psig) piping or systems. Close valve after each use and when empty. Do NOT change or force fit connections. Prevent the intrusion of water into the gas tank. Never attempt to lift cylinder by its cap. Do not drag, slide or roll cylinders. Use a suitable hand truck for cylinder movement. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. Take care to prevent spills, waste and minimize release to the			
Conditions for safe storage		:	Cylinders should be stored upright and firmly secured to pr vent falling or being knocked over. Separate full containers from empty containers. Do not store near combustible materials. Avoid area where salt or other corrosive materials are pres Keep in properly labeled containers. Keep in a cool, well-ventilated place. Keep away from direct sunlight. Store in accordance with the particular national regulations			
Mater	rials to avoid	:	Self-reactive sub Organic peroxide Oxidizing agents Flammable liquid Flammable solid Pyrophoric liquid Pyrophoric solid Self-heating sub	s ds ls ds		



Versio 11.7	on	Revision Date: 12/05/2022		98 Number: 29655-00045	Date of last issue: 04/14/2022 Date of first issue: 02/27/2017
				substances and mixtures stances and mixtures nixtures with chronic toxicity	
Recommended storage tem- perature			< 126 °F / < 52 °C	,	
Storage period		:	> 10 y		
Further information on stor- age stability		:	The product has a	an indefinite shelf life when stored properly.	

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Ingredients with workplace control parameters								
Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis				
1,1,1,2-Tetrafluoroethane	811-97-2	TWA	1,000 ppm	US WEEL				
Engineering measures :	Ensure adequ	Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.						
Personal protective equipment	it							
Respiratory protection :	General and I maintain vapo concentration unknown, app Follow OSHA use NIOSH/M by air purifyin dous chemica respirator if th exposure leve	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 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 Material :	Low temperat	ture resistant glo	oves					
Remarks :	on the concer applications, micals of the manufacturer	ntration specific we recommend aforementioned . Wash hands be akthrough time i	rotect hands against chemicals depending n specific to place of work. For special commend clarifying the resistance to che- nentioned protective gloves with the glove n hands before breaks and at the end of ugh time is not determined for the pro- s often!					
Eye protection :	: Wear the following personal protective equipment:							



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			Chemical resistar Face-shield	nt goggles must be worn.
Ski	n and body protection	:	Skin should be w	ashed after contact.
Pro	Protective measures		Wear cold insulat	ing gloves/ face shield/ eye protection.
Hy	Hygiene measures		eye flushing syste king place. When using do no	emical is likely during typical use, provide ems and safety showers close to the wor- ot eat, drink or smoke. ted clothing before re-use.
SECTIC	ON 9. PHYSICAL AND CHE	ΞΜΙ	CAL PROPERTIE	S
Арј	pearance	:	Liquefied gas	
Co	lor	:	colorless	
Od	or	:	slight, ether-like	
Od	or Threshold	:	: No data available	
pН		:	No data available	e
Me	Iting point/freezing point	:	-162 °F / -108 °C	
Init ran	ial boiling point and boiling ge	:	-15 °F / -26 °C (1,013 hPa)	
Fla	sh point	:	Not applicable	
Eva	aporation rate	:	> 1 (CCL4=1.0)	
Fla	mmability (solid, gas)	:	Will not burn	
Sel	lf-ignition	:	The substance or mixture is not classified as pyrophoric	
	per explosion limit / Upper nmability limit	:	Upper flammabil Method: ASTM E None.	
	wer explosion limit / Lower nmability limit	:	Lower flammabil Method: ASTM E None.	
Vaj	Vapor pressure		5,700 hPa (68 °F	= / 20 °C)



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Relat	ive density	:	1.208 (77 °F / 2	25 °C)
Dens	Density		1.21 g/cm³ (77 (as liquid)	°F / 25 °C)
	pility(ies) ater solubility	:	1.5 g/l(77 °F /	25 °C)
	Partition coefficient: n- octanol/water		log Pow: 0.025	(77 °F / 25 °C)
Autoi	gnition temperature	:	> 1369 °F / > 7	43 °C
Deco	Decomposition temperature		No data availal	ble
	Viscosity Viscosity, kinematic		Not applicable	
Explo	Explosive properties		Not explosive	
Oxidi	Oxidizing properties		The substance	or mixture is not classified as oxidizing.
Partic	Particle size		Not applicable	

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable if used as directed. Follow precautionary advice and avoid incompatible materials and conditions.
Possibility of hazardous reac- tions	:	Can react with strong oxidizing agents.
Conditions to avoid	:	This substance is not flammable in air at temperatures up to 100 °C (212 °F) at atmospheric pressure. However, mixtures of this substance with high concentrations of air at elevated pressure and/or temperature can become combustible in the presence of an ignition source. This substance can also become combustible in an oxygen enriched environment (oxygen concentrations greater than that in air). Whether a mixture containing this substance and air, or this substance in an oxygen enriched atmosphere become combustible depends on the inter-relationship of 1) the temperature 2) the pressure, and 3) the proportion of oxygen in the mixture. In general, this substance should not be allowed to exist with air above atmospheric pressure or at high temperatures; or in an oxygen enriched environment. For example this substance should NOT be mixed with air under pressure for leak testing or other purposes. Heat, flames and sparks.



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Incon	Incompatible materials		: Oxidizing agents					
	Hazardous decomposition products		: No hazardous decomposition products are known.					
ECTION	11. TOXICOLOGICAL		MATION					
Inhala Skin (Eye c Acut (mation on likely route ation contact contact e toxicity lassified based on avai							
	ponents:		initiation.					
1,1,1,	,2-Tetrafluoroethane:							
Acute	e oral toxicity	: As ici		ne substance or mixture has no acute oral tox-				
Acute	inhalation toxicity	E> Te	C50 (Rat): > 50 (posure time: est atmospher ethod: OECD	4 h				
		Τe	est atmospher	verse effect concentration (Dog): 40000 ppm e: gas ac sensitization				
		pp T€	om est atmospher	d adverse effect concentration (Dog): 80000 e: gas / cause cardiac arrhythmia.				
		Τe	est atmospher	ation threshold limit (Dog): 334,000 mg/m³ e: gas ⁄ cause cardiac arrhythmia.				
Acute	e dermal toxicity		ssessment: Th xicity	ne substance or mixture has no acute dermal				

Skin corrosion/irritation

Not classified based on available information.

Components:

1,1,1,2-Tetrafluoroethane:

Result : No skin irritation

Serious eye damage/eye irritation

Not classified based on available information.



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<u>Comp</u>	oonents:			
1,1,1,	2-Tetrafluoroethane	:		
Resul	t	:	No eye irritation	
Resp	iratory or skin sensi	itizatio	n	
Skin	sensitization			
	assified based on ava	ailable	information.	
Resp	iratory sensitization			
-	assified based on ava		information.	
<u>Comp</u>	oonents:			
1,1,1,	2-Tetrafluoroethane	:		
	es of exposure	:	Skin contact	
Resul	t	:	negative	
Route	es of exposure	:	Inhalation	
Speci	es	:	Rat	
Resul	t	:	negative	
Route	es of exposure	:	Inhalation	
Speci Resul		:	Humans negative	
Not cl	cell mutagenicity assified based on ava conents:	ailable	information.	
1,1,1,	2-Tetrafluoroethane	:		
Geno	toxicity in vitro	:		erial reverse mutation assay (AMES) Fest Guideline 471
				nosome aberration test in vitro Fest Guideline 473
Geno	toxicity in vivo	:	cytogenetic assa Species: Mouse Application Rout Method: OECD Result: negative Test Type: Unsc	e: inhalation (gas) Fest Guideline 474 heduled DNA synthesis (UDS) test with
				cells in vivo e: inhalation (gas) Fest Guideline 486



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Germ cell mutagenicity - Assessment		:	Weight of evidence does not support classification as a germ cell mutagen.			
	ogenicity ssified based on avai	ilable i	nformation.			
Compo	onents:					
1,1,1,2 [,]	-Tetrafluoroethane:					
	ition Route ire time	:	Rat inhalation (gas) 2 Years OECD Test Gu negative			
Carcino ment	ogenicity - Assess-	:	Weight of evide cinogen	ence does not support classification as a car-		
IARC				ent 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				ent at levels greater than or equal to 0.1% is ed carcinogen by NTP.		
-	Juctive toxicity ssified based on avai	ilable i	nformation			
	onents:					
1,1,1,2-Tetrafluoroethane: Effects on fertility			Species: Mouse Application Route: Inhalation Result: negative			
Encoto	on fertility	:	Application Rou	ute: Inhalation		
	on fertility on fetal developmen		Application Rou Result: negativ Test Type: Con reproduction/de Species: Rabbi Application Rou	ute: Inhalation e nbined repeated dose toxicity study with the evelopmental toxicity screening test t ute: inhalation (gas) Test Guideline 414		
Effects	on fetal developmen	t :	Application Rou Result: negativ Test Type: Con reproduction/de Species: Rabbi Application Rou Method: OECD Result: negativ	ute: Inhalation e nbined repeated dose toxicity study with the evelopmental toxicity screening test t ute: inhalation (gas) Test Guideline 414 e		
Effects Reprod	on fetal developmen	t :	Application Rou Result: negativ Test Type: Con reproduction/de Species: Rabbi Application Rou Method: OECD Result: negativ Weight of evide	ute: Inhalation e nbined repeated dose toxicity study with the evelopmental toxicity screening test t ute: inhalation (gas) Test Guideline 414		
Effects Reprod sessme	on fetal developmen luctive toxicity - As-	t : :	Application Rou Result: negativ Test Type: Con reproduction/de Species: Rabbi Application Rou Method: OECD Result: negativ Weight of evide ductive toxicity	ute: Inhalation e nbined repeated dose toxicity study with the evelopmental toxicity screening test t ute: inhalation (gas) Test Guideline 414 e		

Routes of exposure : inhalation (gas)



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Assessment			: No significant health effects observed in animals at concentra- tions of 20000 ppmV/4h or less				
sтот	-repeated exposure						
Not cl	assified based on ava	ailable information.					
Comp	oonents:						
1,1,1,	2-Tetrafluoroethane	:					
	s of exposure	: inhalation (g	as)				
Asses	sment		nt health effects observed in animals at concentra ppmV/6h/d or less.				
-	ated dose toxicity						
	<u>oonents:</u>						
	2-Tetrafluoroethane						
Speci NOAE		: Rat, male ar	nd female				
		: 50000 ppm : >50000 ppm					
	ation Route	: inhalation (g					
	sure time	: 2 y					
Metho	od	: OECD Test	Guideline 453				
Aspir	ation toxicity						
Not cl	assified based on ava	ailable information.					

1,1,1,2-Tetrafluoroethane:

No aspiration toxicity classification

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

1,1,1,2-Tetrafluoroethane:

Toxicity to fish :	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 450 mg/l Exposure time: 96 h Method: Regulation (EC) No. 440/2008, Annex, C.1
Toxicity to daphnia and other : aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 980 mg/l Exposure time: 48 h Method: Regulation (EC) No. 440/2008, Annex, C.2
Toxicity to algae/aquatic : plants	:	ErC50 (green algae): > 100 mg/l Exposure time: 96 h Remarks: Based on data from similar materials



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Persi	stence and degradabi	lity			
<u>Com</u>	oonents:				
1,1,1,2-Tetrafluoroethane: Biodegradability		:	: Result: Not readily biodegradable. Method: OECD Test Guideline 301D		
Bioad	cumulative potential				
Com	oonents:				
1,1,1,	2-Tetrafluoroethane:				
Bioac	cumulation	:	Remarks: Bioacc	umulation is unlikely.	
	ion coefficient: n- ol/water	:	log Pow: 1.06		
Mobi	lity in soil				
No da	ata available				
Othe	r adverse effects				
No data available					

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. Empty pressure vessels should be returned to the supplier. If not otherwise specified: Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number	:	UN 3159
Proper shipping name	:	1,1,1,2-TETRAFLUOROETHANE
Class	:	2.2
Packing group	:	Not assigned by regulation
Labels	:	2.2
IATA-DGR		
UN/ID No.	:	UN 3159
Proper shipping name	:	1,1,1,2-Tetrafluoroethane
Class	:	2.2
Packing group	:	Not assigned by regulation
Labels	:	Non-flammable, non-toxic Gas
Packing instruction (cargo	:	200
aircraft)		



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Packing instruction (passen- ger aircraft)		:	200	
IMDG-Code UN number Proper shipping name		:	UN 3159 1,1,1,2-TETRAFL	UOROETHANE
Labels EmS C	g group ode pollutant	•	2.2 Not assigned by r 2.2 F-C, S-V no	egulation

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

Not applicable for product as supplied.

Domestic regulation

49 CFR UN/ID/NA number Proper shipping name	:	UN 3159 1,1,1,2-Tetrafluoroethane
Class Packing group Labels ERG Code Marine pollutant	:	2.2 Not assigned by regulation NON-FLAMMABLE GAS 126 no

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

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	:	Gases under pressure Simple Asphyxiant
SARA 313	:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis)

US State Regulations

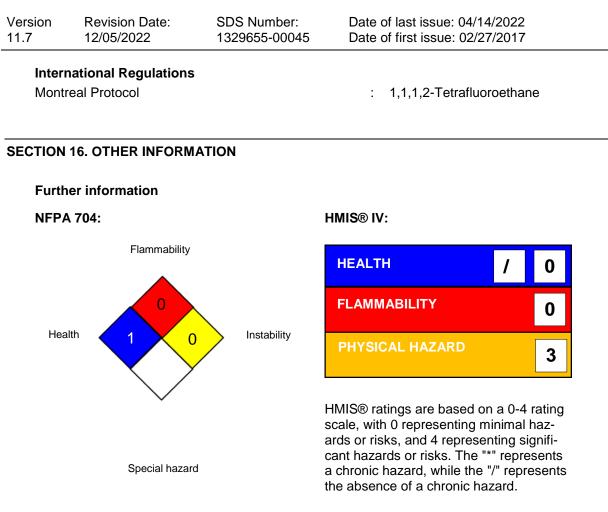
Pennsylvania Right To Know

1,1,1,2-Tetrafluoroethane

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reporting levels established by SARA Title III, Section 313.





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

Full text of other abbreviations

US WEEL	:	USA. Workplace Environmental Exposure Levels (WEEL)
US WEEL / TWA	:	8-hr TWA

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% response; EMS - Imergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% response; EMS - 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 Chemical



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cals 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 compile the Material Safety Data Sheet	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agen- 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.

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