

#### 物料安全資料表

#### <u>危害物料資料</u>

<u> 他苦初杆貝杆</u>									
1. 產品與用途									
1.1 物料名稱	: R513A	Refi	rigerant	1					
1.2 用途	:雪種	雪種							
2. 危害成份	1			1					
2.1 危害分類及標籤	HARMFUL TITS	> <	TOXIC 有毒	CORROSIVE REAL		PLAMMABLE 55.65	DRRITANT 利識性	EXPLOSIVE 爆炸性	OXIDIZING BJr#R
	有害	:	有毒	腐蝕	生	易燃	刺激性	上 爆炸!	生 助燃
	(	)	( )	(	)	( )	( )	( )	) ( )
2.2 酸鹼值(pH)	:不適用			2.3	曝	露限制(	OEL):	不適用	
2.4 致癌物質	:不適用			2.5	其	他危害	:	無資料	
2.5 潛在危害	: 吸入:	大量	吸入可能	能會引到	这心律	非不整。			
	皮膚接	觸:	液態濺	时可能引	致)	東傷。			
	眼睛接	觸:	液態濺	肘或霧(	上噴身	可能會	引致凍傷	易。	
3. 火警和爆炸資料									
3.1 燃烧物成份比例	: 無資料 易燃	,不	3.2 沸	點(℃)	:-29.	2	3.3 淫	〻點(℃):	無資料
3.4 閃點(℃)	: 無資料		3.5 比	重	· 無資	資料	3.6 靠	U/1 / V	0.637MPa at 21.1℃
3.7 爆炸極限(濃度)	:不適用		3.8 溶	解度	:無資	資料	3.9 靠	〔味 :	輕微
3.10 滅火設備	: 使用水	劑、	泡沫、韓	吃粉或_	二氧化	上碳的滅	火器,月	月水把火隊	客温。 丰温。
4. 急救處理									
4.1 眼睛接觸	: 立刻用	眼藥	水及清水	水清洗	維持	<b>寺眼睛</b> 張	開最少	15分鐘	
4.2 皮膚接觸	不是熱	水)测		果沒有	水,言				§用溫水(而 夏蓋物覆蓋。
4.3 吸入	移至空 持續,			如果呼吸	及不规	見則或停	止,進行	亍人工呼吻	段; 如果症狀
5. 個人防護裝備	1.1.2.1								
☑ 防凍手套		团防	方化學品	護眼罩					
6. 處理及使用應知事	項								
6.1 儲存注意事項:						方、儲存 袁離熱源		不可高於5	5 <b>0</b> °C
6.2 意外洩漏處理的	方法:	夠通	風下,⊲	令雪種蒸	蒸發。	5	護裝備。 這物品9		<b>禄</b> 源,在足
7. 其他資料									
無資料									
					_				

AFETY DATA SHEE	T Honeywell
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sion 1.2	Revision Date 05/08/2018 Print Date 11/17/2
CTION 1. IDENTIFICATION	
Product name	: Solstice® 513A
Number	: 00000022892
Product Use Description	: Refrigerant
Manufacturer or supplier's details	: Honeywell International Inc. 115 Tabor Road Morris Plains, NJ 07950-2546
For more information call	: 800-522-8001 +1-973-455-6300
	(Monday-Friday, 9:00am-5:00pm)
In case of emergency call	<ul> <li>Medical: 1-800-498-5701 or +1-303-389-1414</li> <li>Transportation (CHEMTREC): 1-800-424-9300 or +1-703- 527-3887</li> </ul>
	: : (24 hours/day, 7 days/week)
CTION 2. HAZARDS IDENTI	FICATION
Emergency Overview	
Form	: Liquefied gas
Color	: clear colourless
Odor	: slight ether-like
Classification of the subs	tance or mixture
Classification of the substance or mixture	: Gases under pressure, Liquefied gas Simple Asphyxiant
GHS Label elements, inclu	uding precautionary statements
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SION 1.2	Revision Date 05/08/2018	Print Date 11/17/20
Symbol(s)		
Signal word	: Warning	
Hazard statements	: Contains gas under pressure; ma May displace oxygen and cause	
Precautionary statements	: <b>Storage:</b> Protect from sunlight. Store in a	well-ventilated place.
Hazards not otherwise classified	: May cause cardiac arrhythmia. May cause frostbite. May cause eye and skin irritatior	۱.
Carcinogenicity No component of this product or anticipated carcinogen by N	present at levels greater than or equal TP, IARC, or OSHA.	to 0.1% is identified as a know
No component of this product or anticipated carcinogen by N CTION 3. COMPOSITION/INFO	TP, IARC, or OSHA.	to 0.1% is identified as a know
No component of this product or anticipated carcinogen by N	TP, IARC, or OSHA.	to 0.1% is identified as a knov
No component of this product or anticipated carcinogen by N CTION 3. COMPOSITION/INFO	TP, IARC, or OSHA.	
No component of this product or anticipated carcinogen by N CTION 3. COMPOSITION/INFC Chemical nature	TP, IARC, or OSHA.	Concentration
No component of this product or anticipated carcinogen by N CTION 3. COMPOSITION/INFO Chemical nature	TP, IARC, or OSHA.	Concentration 56.00 %
No component of this product or anticipated carcinogen by N CTION 3. COMPOSITION/INFC Chemical nature 2,3,3,3-Tetrafluoroprop-1-ene	TP, IARC, or OSHA.	Concentration 56.00 %
No component of this product or anticipated carcinogen by N CTION 3. COMPOSITION/INFC Chemical nature 2,3,3,3-Tetrafluoroprop-1-ene 1,1,1,2-Tetrafluoroethane	TP, IARC, or OSHA.	Concentration 56.00 % 44.00 % egular or stopped, e oxygen as required, esent. Call a physician. Do
No component of this product or anticipated carcinogen by N CTION 3. COMPOSITION/INFC Chemical nature Chemical nature 1,3,3,3-Tetrafluoroprop-1-ene 1,1,1,2-Tetrafluoroethane CTION 4. FIRST AID MEASUR	TP, IARC, or OSHA.	Concentration 56.00 % 44.00 % egular or stopped, e oxygen as required, esent. Call a physician. Do hedrine group.

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	lukewarm (not hot) water. If water is not available, cover with clean, soft cloth or similar covering. If symptoms persist, call a physician.
Eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. In case of frostbite water should be lukewarm, not hot. If symptoms persist, call a physician.
Ingestion	: Unlikely route of exposure. As this product is a gas, refer to the inhalation section. Do not induce vomiting without medical advice. Call a physician immediately.
Notes to physician	
Indication of immediate medical attention and special treatment needed, if necessary	: Because of the possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used with special caution and only in situations of emergency life support. Treatment of overexposure should be directed at the control of symptoms and the clinical conditions. Treat frost- bitten areas as needed.
TION 5. FIREFIGHTING MEA	SURES
Suitable extinguishing media	<ul> <li>The product is not flammable.</li> <li>Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.</li> <li>Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.</li> </ul>
Specific hazards during firefighting	<ul> <li>Contents under pressure. This product is not flammable at ambient temperatures and atmospheric pressure. However, this material can ignite when mixed with air under pressure and exposed to strong ignition sources. Container may rupture on heating.</li> <li>Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.</li> <li>Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. In case of fire hazardous decomposition products may be produced such as: Hydrogen halides Hydrogen fluoride Carbon monoxide</li> </ul>
	Carbon dioxide (CO2) Carbonyl halides

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Special protective equipment for firefighters	: In the event of fire and/or explosion Wear self-contained breathing app No unprotected exposed skin area	aratus and protective suit.
Further information	: Use extinguishing measures that a circumstances and the surrounding	
ECTION 6. ACCIDENTAL RELE	ASE MEASURES	
Personal precautions, protective equipment and emergency procedures	<ul> <li>Immediately evacuate personnel to Keep people away from and upwind Wear personal protective equipment must be kept away.</li> <li>Remove all sources of ignition.</li> <li>Avoid skin contact with leaking liquid Ventilate the area.</li> <li>After release, disperses into the air.</li> <li>Vapours are heavier than air and car reducing oxygen available for breat Avoid accumulation of vapours in lo Unprotected personnel should not re- tested and determined safe.</li> <li>Ensure that the oxygen content is &gt;</li> </ul>	l of spill/leak. t. Unprotected persons d (danger of frostbite). an cause suffocation by ning. w areas. eturn until air has been
Environmental precautions	: Prevent further leakage or spillage i The product evapourates readily.	f safe to do so.
Methods and materials for containment and cleaning up	: Ventilate the area.	
ECTION 7. HANDLING AND ST	ORAGE	
Handling		
Precautions for safe handling	<ul> <li>Handle with care.</li> <li>Avoid inhalation of vapour or mist.</li> <li>Do not get in eyes, on skin, or on cle Wear personal protective equipment Use only in well-ventilated areas.</li> <li>Pressurized container. Protect from to temperatures exceeding 50 °C.</li> <li>Follow all standard safety precaution compressed gas cylinders.</li> <li>Use authorized cylinders only.</li> </ul>	t. sunlight and do not expose
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		Protect cylinders from physical dam Do not puncture or drop cylinders, e or excessive heat. Do not pierce or burn, even after us flame or any incandescent material. Do not remove screw cap until imme Always replace cap after use.	expose them to open flame e. Do not spray on a naked
Advice on protection against fire and explosion	:	The product is not flammable. Can form a combustible mixture with atmospheric pressure.	h air at pressures above
Storage			
Conditions for safe storage, including any incompatibilities	:	Pressurized container: protect from to temperatures exceeding 50 °C. D after use. Keep containers tightly closed in a c place. Storage rooms must be properly ver Ensure adequate ventilation, especi Protect cylinders from physical dam	oo not pierce or burn, even dry, cool and well-ventilated ntilated. ially in confined areas.
CTION 8. EXPOSURE CONTE	ROL	_S/PERSONAL PROTECTION	
CTION 8. EXPOSURE CONTR Protective measures	ROL :	-S/PERSONAL PROTECTION Do not breathe vapour. Avoid contact with skin, eyes and cl Ensure that eyewash stations and s the workstation location.	
	ROL : :	Do not breathe vapour. Avoid contact with skin, eyes and cl Ensure that eyewash stations and s	afety showers are close to the for storage and handling.
Protective measures	<b>ROL</b> :	Do not breathe vapour. Avoid contact with skin, eyes and cl Ensure that eyewash stations and s the workstation location. General room ventilation is adequat Perform filling operations only at sta	afety showers are close to the for storage and handling. Ations with exhaust
Protective measures Engineering measures	<b>ROL</b> : :	Do not breathe vapour. Avoid contact with skin, eyes and cl Ensure that eyewash stations and s the workstation location. General room ventilation is adequat Perform filling operations only at stat ventilation facilities. Wear as appropriate: Safety glasses with side-shields If splashes are likely to occur, wear:	afety showers are close to the for storage and handling. ations with exhaust
Protective measures Engineering measures Eye protection	:	Do not breathe vapour. Avoid contact with skin, eyes and cl Ensure that eyewash stations and s the workstation location. General room ventilation is adequat Perform filling operations only at sta- ventilation facilities. Wear as appropriate: Safety glasses with side-shields If splashes are likely to occur, wear: Goggles or face shield, giving comp Leather gloves In case of contact through splashing Protective gloves Neoprene gloves	afety showers are close to the for storage and handling. ations with exhaust plete protection to eyes g: ber gloves

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Respiratory protection	on :	In ca equi Wea	ase of insuffi ipment. ar a positive-	pressure suppli	, wear sui ed-air resp	table respiratory
		redu For	icing oxyger rescue and i	available for br	eathing.	se suffocation by age tanks use self-
Hygiene measures Exposure Guidelin	:	prac Ens Avo Ren	ctice. ure adequate id contact wi nove and wa	-	pecially in d clothing d clothing	
Components	CAS-No.		Value	Control parameters	Upda te	Basis
2,3,3,3- Tetrafluoroprop- 1-ene	754-12	2-1	TWA : Time weighted average	(500 ppm)	2009	WEEL:US. OARS. WEELs Workplace Environmental Exposure Level Guide
2,3,3,3- Tetrafluoroprop- 1-ene	754-12	2-1	TWA : Time weighted average	(500 ppm)	03 15 2010	Honeywell:Limit established by Honeywell International Inc.
2,3,3,3- Tetrafluoroprop- 1-ene	754-12	2-1	STEL : Short term exposure limit	(1,500 ppm)	03 15 2010	Honeywell:Limit established by Honeywell International Inc.
1,1,1,2- Tetrafluoroethane	811-97	-2	TWA : Time	(1,000 ppm)		Honeywell:Limit established by

1,1,1,2-	811-97-2	TWA :	(1,000 ppm)	Honeywell:Limit
Tetrafluoroethane		Time		established by
		weighted		Honeywell
		average		International Inc.
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rsion 1.2	Re	evision Date		Print Date 11/17/20	
1,1,1,2- Tetrafluoroethane	1-97-2	TWA : Time weighted average	4,240 mg/m3 (1,000 ppm)	2007	WEEL:US. OARS. WEELs Workplace Environmental Exposure Level Guide
CTION 9. PHYSICAL AND C			IES		
-	-	uefied gas			
Color		ar colourless			
Odor	: slig	ht ether-like			
Odor threshold	: Not	te: no data a	vailable		
рН	: Not	te: Not appli	cable		
Melting point/range	: Not	te: no data a	vailable		
Boiling point/boiling range	: -29	9.2 °C			
Flash point	: Not	te: Not appli	cable		
Flammability	: The	e product is	not flammable.		
Lower explosion limit	: Not	te: None			
Upper explosion limit	: Not	te: None			
Vapor pressure		637 MPa 21.1 °C(70.0	°F)		
Vapor density	: 3.8	33 Note: (Air	= 1.0)		
Density	: 1.1	l5 g/cm3 at∶	21.1 °C		
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Water solubility	: Note: no data available	
Partition coefficient: n- octanol/water	: Note: no data available	
Ignition temperature	: Note: no data available	
Auto-ignition temperature	: >750 °C	
Decomposition temperature	: > 250 °C Note: To avoid thermal decomposition	n, do not overheat.
Viscosity, dynamic	: Note: no data available	
Viscosity, kinematic	: Note: no data available	
CTION 10. STABILITY AND R	EACTIVITY	
TION 10. STABILITY AND R	EACTIVITY	
Chemical stability	: Stable under normal conditions.	
Chemical stability Possibility of hazardous		ccur.
Chemical stability	: Stable under normal conditions.	unlight and do not ) °C. ive and toxic air at pressures above
Chemical stability Possibility of hazardous reactions	<ul> <li>Stable under normal conditions.</li> <li>Hazardous polymerisation does not o</li> <li>Pressurized container. Protect from s expose to temperatures exceeding 50 Decomposes under high temperature Some risk may be expected of corros decomposition products. Can form a combustible mixture with atmospheric pressure.</li> </ul>	unlight and do not ) °C. ive and toxic air at pressures above
Chemical stability Possibility of hazardous reactions Conditions to avoid	<ul> <li>Stable under normal conditions.</li> <li>Hazardous polymerisation does not o</li> <li>Pressurized container. Protect from s expose to temperatures exceeding 50 Decomposes under high temperature Some risk may be expected of corros decomposition products. Can form a combustible mixture with atmospheric pressure. Do not mix with oxygen or air above a</li> <li>Potassium Calcium Powdered metals Finely divided aluminium Finely divided magnesium</li> </ul>	unlight and do not ) °C. ive and toxic air at pressures above

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TION 11. TOXICOLOGICAL	INFORMATION
Acute inhalation toxicity 2,3,3,3-Tetrafluoroprop-1- ene	: LC50: > 400000 ppm Exposure time: 4 h Species: Rat Method: OECD Test Guideline 403
1,1,1,2-Tetrafluoroethane	: LC50: > 500000 ppm Exposure time: 4 h Species: Rat
Skin irritation	: Note: Not applicable study technically not feasible
Eye irritation	: Note: Not applicable study technically not feasible
Sensitisation 2,3,3,3-Tetrafluoroprop-1- ene	: Dermal Note: Not applicable, as this product is a gas. study technically not feasible
1,1,1,2-Tetrafluoroethane	<ul> <li>Cardiac sensitization</li> <li>Species: dogs</li> <li>Note: No-observed-effect level</li> <li>50 000 ppm</li> <li>Lowest observed effect level</li> <li>75 000 ppm</li> </ul>
Repeated dose toxicity 2,3,3,3-Tetrafluoroprop-1- ene	: Species: Rat Application Route: Inhalation Exposure time: (2 Weeks) No-observed-effect level: 50000 ppm Method: OECD Test Guideline 412
	Species: Rat Application Route: Inhalation Exposure time: (4 Weeks) NOAEL (No observed adverse effect level): 50000 ppm Method: OECD Test Guideline 412
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	Species: Rat Application Route: Inhalation Exposure time: (13 Weeks) NOAEL (No observed adverse effect le Method: OECD Test Guideline 413	vel): 50000 ppm
	Species: Rabbit, male Application Route: Inhalation Exposure time: (28 d) No-observed-effect level: 500 ppm Method: OECD Test Guideline 412 There are no observed toxicological effection as a specific target organ	
	Species: Rabbit, female Application Route: Inhalation Exposure time: (28 d) No-observed-effect level: 1000 ppm Method: OECD Test Guideline 412 There are no observed toxicological effection as a specific target organ	
	Species: Mini-pig Application Route: Inhalation Exposure time: (28 d) NOAEL (No observed adverse effect le highest exposure tested	vel): 10000 ppm
1,1,1,2-Tetrafluoroethane	: Species: Rat NOEL: 40000 ppm	
Genotoxicity in vitro 2,3,3,3-Tetrafluoroprop-1- ene	: Test Method: Ames test Result: 20% and higher, positive in TA uvrA, negative in TA98, TA100, and TA Method: OECD Test Guideline 471	
1,1,1,2-Tetrafluoroethane	: Note: In vitro tests did not show mutage	enic effects
	: Test Method: Chromosome aberration Cell type: Human lymphocytes Result: negative Method: OECD Test Guideline 473 Note: Dose 760,000 ppm	test in vitro
Constaviaity is vive		
Genotoxicity in vivo	Page 10 / 15	

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2,3,3,3-Tetrafluoroprop-1- ene	: Species: Mouse Cell type: Micronucleus Dose: up to 200,000 ppm (4 hour) Method: OECD Test Guideline 474 Result: negative	
	: Test Method: Unscheduled DNA sy Dose: up to 50,000 ppm (4 weeks) Method: OECD Test Guideline 486 Result: negative	nthesis
	: Species: Rat Cell type: Micronucleus Dose: up to 50,000 ppm (4 weeks) Method: OECD Test Guideline 474 Result: negative	
Carcinogenicity 2,3,3,3-Tetrafluoroprop-1- ene	: Species: Rat Note: Not classified as a human car expected to be a carcinogen based	
Further information	: Note: Rapid evaporation of the liqu Vapours are heavier than air and ca reducing oxygen available for breat accordance with good industrial hyg	in cause suffocation by ning. Handle in
CTION 12. ECOLOGICAL INI	FORMATION	
Ecotoxicity effects		
Toxicity to fish 2,3,3,3-Tetrafluoroprop-1- ene	: LC50: > 197 mg/l Exposure time: 96 h Species: Cyprinus carpio (Carp) Method: OECD Test Guideline 203 Note: No demonstrable toxic effect	in saturated solution.
Toxicity to daphnia and othe 2,3,3,3-Tetrafluoroprop-1- ene	r aquatic invertebrates : EC50: > 83 mg/l Exposure time: 48 h	

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	Species: Daphnia magna Method: OECD Test Guide	
Toxicity to algae 2,3,3,3-Tetrafluoroprop-1- ene	: EC50: > 100 mg/l Species: Scenedesmus ca Method: OECD Test Guide	apricornutum (fresh water algae) eline 201
Toxicity to bacteria	: Growth inhibition EC10: > 730 mg/l Exposure time: 6 h Species: Pseudomonas pu Test substance: 1,1,1,2-te	utida etrafluoroethane (HFC-134a)
Elimination information (pe	sistence and degradability)	
Bioaccumulation 2,3,3,3-Tetrafluoroprop-1- ene	: Note: Due to the distribution accumulation in organisms	on coefficient n-octanol/water, s is not expected.
Biodegradability	: Result: Not rapidly biodeg Value: 3 % Test substance: 1,1,1,2-te Method: OECD 301 D	radable trafluoroethane (HFC-134a)
Further information on eco	ogy	
Ecotoxicology Assessment		
	ersistent and very bioaccumula : Accumulation in aquatic or This product is subject to t Agency Clean Air Act Reg This product contains gree contribute to global warming	rganisms is unlikely. U.S. Environmental Protection julations at 40 CFR Part 82. enhouse gases which may ng. Do NOT vent to the atmosphere. of the U.S. Clean Air Act, any
CTION 13. DISPOSAL CONSI	DERATIONS	
Disposal methods	: Observe all Federal, State regulations.	e, and Local Environmental
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Note	Agei	product is subject to U.S. Envocy Clean Air Act Regulations egarding refrigerant recycling.	
SECTION 14.	TRANSPORT INFORMATION	N	
DOT	UN/ID No. Proper shipping name Class Packing group Hazard Labels	<ul> <li>: UN 3163</li> <li>: LIQUEFIED GAS, N.O. ( R-1234yf, 1,1,1,2-Tetr 2.2</li> <li>2.2</li> </ul>	
ΙΑΤΑ	UN/ID No. Description of the goods Class Hazard Labels Packing instruction (cargo aircraft) Packing instruction (passenger aircraft)	<ul> <li>: UN 3163</li> <li>: LIQUEFIED GAS, N.O. (R-1234yf, 1,1,1,2-Tetr)</li> <li>: 2.2</li> <li>: 2.2</li> <li>: 200</li> <li>: 200</li> </ul>	
IMDG	UN/ID No. Description of the goods Class Hazard Labels EmS Number Marine pollutant	<ul> <li>: UN 3163</li> <li>: LIQUEFIED GAS, N.O. (R-1234yf, 1,1,1,2-TET</li> <li>: 2.2</li> <li>: 2.2</li> <li>: F-C, S-V</li> <li>: no</li> </ul>	
SECTION 15.	REGULATORY INFORMATIC	ON	
Inventor			
US. Toxic Control A		CA Inventory	
	I (Notification and	inventory, or in compliance w	vith the inventory
	Canadian : All con nental Protection	nponents of this product are o	n the Canadian DSL
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Act (CEPA). Domestic Substances List (DSL)		
Japan. Kashin-Hou Law List	: On the inventory, or in compliance w	ith the inventory
Korea. Existing Chemicals Inventory (KECI)	: On the inventory, or in compliance w	ith the inventory
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	: Not in compliance with the inventory	
China. Inventory of Existing Chemical Substances	: Not in compliance with the inventory	
New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand	: Not in compliance with the inventory	
TSCA 12B	: US. Toxic Substances Control Act (T Notification (40 CFR 707, Subpt D)	SCA) Section 12(b) Export
	2,3,3,3-Tetrafluoroprop-1-ene	754-12-1
National regulatory informat	ion	
US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)	: : Issued.	
	: 2,3,3,3-Tetrafluoroprop-1-ene	754-12-1
SARA 302 Components	: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	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.	
SARA 311/312 Hazards	: Sudden Release of Pressure Hazard Acute Health Hazard	1
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California Prop. 65		cause cancer, birth de	chemicals known to State of fects, or any other	
SECTION 16. OTHER INFORMAT	ION			
	HMIS III	NFPA		
Health hazard	: 1	2		
Flammability Physical Hazard	: 1 : 0	1		
	:	0		
<ul> <li>Instability : 0</li> <li>Hazard rating and rating systems (e.g. HMIS® III, NFPA): This information is intended solely for the use of individuals trained in the particular system.</li> <li>Further information</li> <li>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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. Final determination of suitability of any material is the sole responsibility of the user. This information should not constitute a guarantee for any specific product properties.</li> <li>Changes since the last version are highlighted in the margin. This version replaces all previous versions.</li> <li>Previous Issue Date: 03/28/2018</li> <li>Prepared by Honeywell Performance Materials and Technologies Product Stewardship Group</li> </ul>				
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