TSCA/SNAP ADDENDUM for Significant New Alternatives

OMB Control No.: 2060-0226

AGENCY USE ONLY

Expires: XX/XX/2017

Date of Receipt:

When completed send CBI and public versions of this form and attachments electronically via CD or USB drive (preferred), or print to:

Via US Postal Service: SNAP Document Control Officer U.S. EPA Mail Code: 6205T 1200 Pennsylvania Ave, NW Washington DC 20460 Via Delivery Service:

SNAP Document Control Officer
U.S. EPA

Stratospheric Protection Division
4th Floor (MC 6205T)

1201 Constitution Ave., NW
Washington, DC 20004

Case Number:

Part I: Introduction and CBI Information

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GENERAL INSTRUCTIONS

This form may be used in conjunction with the Premanufacture Notice (PMN) for new chemical substances (EPA Form 7710-25 (Rev. 1-19)) to submit chemicals for review under the Significant New Alternatives Policy program as alternatives to Class I and II ozone-depleting substances. In addition to the information provided in the Premanufacture Notice, the Agency is requesting submitters provide information on the following topics. This information will assist EPA in assessing the acceptability of the chemical as an alternative to ozone-depleting substances as required by Section 612 of the Clean Air Act. Please see the Instructions for the TSCA/SNAP Addendum ("Instructions") for guidance on completing this form. The Instructions document is available at http://www.epa.gov/ozone/snap/submit/index.html.

To facilitate Agency review of alternatives, both this form and the complete PMN form (including the physical and chemical properties worksheet) must be filled out as completely as possible. Please provide all information requested to the extent that it is known or reasonably ascertainable. Make reasonable estimates if actual data are unavailable.

Section B: Identification of Alternatives

1. Name of Alternative. Note: Additional information about the proposed substitute must be provided in Part III, Section A	СВІ

2. Indicate the sector and end-use for which you are submitting this SNAP Information Notice.

Sector(s)	End-Use(s)	If you chose "Other" as an end use, please specify here.

Section C: CONFIDENTIALITY CLAIMS

Part I: Introduction and CBI Information

Anyone submitting data which are to be treated as Clean Air Act Confidential Business Information (CBI), must assert and substantiate a claim of confidentiality at the time of the initial submission. All information claimed as CBI will be treated in a manner consistent with 40 CFR Part 2, Subpart B. Failure to assert a claim of confidentiality at the time of submission may result in disclosure of information by the Agency without further notice.

To assert a claim on this form, [bracket] the information you claim as confidential and mark the confidential box in the column on the right-side of the page in the corresponding row. Provide substantiation of all CBI claims below. If any information is claimed as confidential, you must provide a "sanitized" version of this notice, including attachments, to EPA at the time of the initial submission.

For any portion of a submission that you claim as confidential, the following information must be included in a Statement of Data Confidentiality Claims. The confidential information must also be clearly marked within the submission. If you do not provide the required substantiation when submitting information claimed as confidential, EPA may make the complete submitted information available to the public without further notice or may determine that the submission is incomplete.

- Identify specifically by page and line number(s) each portion of the document for which you claim confidentiality.
- Give the reasons why the cited passage qualifies for confidential treatment.

STATEMENT OF DATA CONFIDENTIALITY CLAIMS

- If you assert that disclosure of this information would be likely to result in substantial harmful effects to you, describe those harmful effects and explain why they
 should be viewed as substantial.
- Indicate the length of time until a specific date or event, or permanently for which the information should be treated as confidential.
- Identify the measures you have taken to guard against undesired disclosure of this information.
- Describe the extent to which the information has been disclosed, and what precautions have been taken in connection with these disclosures.
- Enclose copies of any determinations of confidentiality previously made by EPA, other Federal agencies, or courts concerning this information.

Information submitted as CBI may be accessed by companies designated as Authorized Representatives of the United States Environmental Protection Agency (EPA) under an EPA contract for the purpose of assisting EPA in the development and implementation of national regulations for the protection of stratospheric ozone, including the evaluation of SNAP Information Notices. These Authorized Representatives may have access to any information received by the Stratospheric Protection Division within the EPA's Office of the Atmospheric Programs. Access to such information is necessary to ensure that these companies can complete the work required by the contract. Such Authorized Representatives of the Administrator are subject to the provisions of 42 U.S.C. 7414(c) respecting confidential business information as implemented by 40 CFR 2.301(h).

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Section A - Submitter Contact Information		A STATE OF THE STA
Scotton A Submitted Contact mornation		
1. Person Submitting Notice (in U.S.): Enter information for the official who	signs the certification in Part XIV Certification.	
Name of Authorized Official	Title	СВІ
Company/Organization		CBI
Mailing Address	Telephone Number	СВІ
Email Address		СВІ
2. Agent (if applicable): Complete only if you authorize an agent to assist you	u in preparing this notice. The agent must also sign	the certification.
Name of Authorized Official	Title	СВІ
Company/Organization		CBI
Mailing Address	Telephone Number	СВІ
Email Address		СВІ
Is this person granted full access to Confidential Business Information?		
3. Technical Contact (in U.S.): If applicable, identify a person who can provid review period. If the authorized agent is also the technical contact, include to		substitute during the
Name of Authorized Official	Title	СВІ
Company/Organization		СВІ
Mailing Address	Telephone Number	СВІ
		CBI
Email Address		СЫ
Is this person granted full access to Confidential Business Information?		

Name of Authorized Official

Title

CBI

Part II: Contact Information

Company/Organization	СВІ	
Mailing Address	Telephone Number	СВІ
Email Address	TO A RESIDENCE	СВІ
Is this person granted full access to Confidential Business Information?		

will be granted access to CBI, unless otherwise noted.	CONFIDENTIALITY CLAIMS: All contacts listed on this page	
A London Company of the State o	-1977	
	JHT.	
, philannes December		

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Part III: General Information	,						
Section A: Alternative-Specific Infor	mation						
1. Identify Proposed Substitute			Control of the Control	Andread States			
	(a) Chemical name (preferably IUPAC r	nomenciature)	eligitical va and other	(b) Percent composition (by weight)	(c) Chemical Abstracts Service (CAS) registry number	(d) Molecular formula	СВІ
2. Commercial/trade name(s) of alternative				Self et al repti			CBI
Proposed su	bstitute			the ODPs of the individual consti	Information sources	ach ODP.	СВІ
(a) Chemical name (preferably IUPAC nomenclature) (b) Percent composition (by weight) (c) Chemical Abstracts service (CAS) registry number (d) Molecular formula CB (d) Molecular	СВІ						
Panel on Climate Change (IPCC AR4). Alterna	te sources may include the 2010 World N	Meteorological Organization (WM	a 100-year time horizon and (O) Scientific Assessment of (d atmospheric lifetime. Reference Ozone Depletion or the peer-revi	the Fourth Assessment Report of ewed literature. If the substitute i	the Intergovernmental s a blend, provide the GWPs	
(If blend, include GWP of each			(b) Atmo	ospheric lifetime	Information	sources	СВІ
							_

Proposed substitute (If blend, include GWP of each constituent)	(a) 100-year GWP (Relative to carbon dioxide)		(b) Atmospheric lifetime	Information sources		СВІ
(c) Provide any additional data on the GWP of the alternative, including infrared absorption spectrum and infrared absorption capacity.		Supporting documentation attached?	(d) If the proposed substitute or any components of a ble another manufacturing or industrial process, indicate			СВІ

Section B: End-Use and Application Information

1. Specific End-Use(s): Identify each end-use that may be reasonably anticipated for the alternative. If the alternative is a refrigerant, indicate whether the refrigerant is a candidate for use in retrofits of existing equipment, for use in new equipment only, or both. Identify the ODS and other alternatives used in the end-use or application and the quantity of proposed substitute needed to replace it for each end use (i.e., the replacement ratio).

Note: If the proposed substitute can be used both as a retrofit and in new equipment, these uses should be treated as separate end-uses throughout this form. The applications listed below are not meant to be all-inclusive and do not reflect regulatory requirements. The purpose of defining these applications is to inform the Agency's understanding of how the alternative being submitted to SNAP will be used.

Sector	Sector End-Use	Application	Mark all end-uses and applications that apply	(a) New (N) Equipment, Retrofit (R)Equipment, or both (N,R)? Please disregard if proposed substitute is not a refrigerant.	(b) ODS and other substances being replaced	(c) Replacement ratio (lb: lb)	CB
		Centrifugal					+
	Chillers (Commercial Comfort AC)	Positive Displacement Chillers (Includes Reciprocating, Screw, Scroll, Rotary Compressors)					
	Industrial Process Refrigeration (IPR)	The water than the same of the					
	Industrial Process Air Conditioning						
	Ice Skating Rinks				THE RESIDENCE OF LAND		1
	Cold Storage Warehouses				· 新田東京州田野町市		1
		Refrigerated Trailers (Reefers)	Michigan Co.				
	Refrigerated Transport	Refrigerated Shipping Containers					

20 101	W					,	
		Refrigeration Equipment within					
		Motorized Vehicle (e.g., food	MERCHANICAL CONTRACTOR				
		delivery, ice cream truck, ship	IGHT LATER SURVINGE	389			
		hold)	The state of the s				-
(Remote Rack System, Direct					+
		B B. di G Indiana					
		Remote Rack System, Indirect					1
			-				1
		Stand-alone Units (self-					
		contained equipment such as				State of the latest and the latest a	
	Retail Food Refrigeration	individual reach-in coolers,				Selection from the a	
		glass door merchandisers, etc.)					
						And the second second	-
		Remote Condensing Units for Walk-in Coolers or Multiple					
	A CONTRACTOR OF THE PARTY OF TH	Reach-in Coolers		. Several programme the figure of the said	and the six law between 200		
	The second second second	Beverage Dispensers (e.g.,					
		fountain beverage dispenser,					
		frozen beverage dispenser)					
	Vending Machines						
	s.i.l. w.t. s.l.	Built-in Water Fountain					
	Drinking Water Coolers	Stand-alone Water Coolers					
		Self-contained Ice Machines					
	Commercial Ice Machines	Remote Ice Machines					
		Household Refrigerator and					
		Freezers					
	Household Refrigerators and Freezers	Small Refrigerated Household					
		Appliances (e.g., chilled kitchen drawers, wine coolers, and mini-		riversity named by the blings	CONTRACTOR OF THE PARTY OF THE	THE R. P. LEWIS CO., LANSING, S. LEWIS CO., LANSING, S. L.	1
		fridges)					
Refrigeration and Air Conditioning		81					-
		Room Air Conditioners (such as					
		window units, packaged					
		terminal air conditioners (PTAC)		of mortaneous recipion	Miller 153, stop III Legitylingvi	mentioned exprise-b	
		and heat pumps (PTHP), and					-
		portable self-contained air				Control of the last of the las	
		conditioners)					
		Mini-Splits, Non-Ducted				Address of the same	
		Multi-Splits, Non-Ducted					
	A SERVICIO DE CONTRATO DE	Split-Systems, Ducted,					
	Residential and Light Commercial Air	Household (Central A/C)					
	Conditioning and Heat Pumps	Split-Systems, Ducted, Light				Marinten von Anna bei auch	
		Commercial (Central A/C)					
		Packaged Rooftop Units					
		Water-Source Air Conditioning					
	and the second section of the section of the second section of the section of the second section of the section of th	and Heat Pumps		the official house and	elegistic leading to self it for	Deligible and Second A	
	The second secon						
		Ground-Source Air Conditioning				And the second second	
		and Heat Pumps				A CONTRACTOR OF THE PARTY OF TH	
	-						
	Residential Dehumidifiers	10-14-14-14-14-1				Harding.	
		Light-duty Vehicles (e.g.,					
		passenger cars)			AND THE RESERVE AT TH	Wilesan Land	
		Light-duty Trucks (e.g.,		NAME OF THE OWNER OF THE OWNER.	CONTRACTOR OF STREET	The State of the S	
		minivans, full size pick-up		The second second	A STATE OF THE RES	THE RESERVE OF THE PERSON OF T	
		trucks, and full-size SUVs)		Filesafer Automate			
		Heavy-duty Vehicles (e.g., heavy-					
	Motor Vehicle Air Conditioning	duty pickup trucks and vans,					
		and commercial medium and					
		heavy-duty on-highway					
		vehicles)			NEVINE CENT		
		Off-road Vehicles (e.g., farm	THE TRANSPORT OF STREET				
	1	and construction equipment)			the state of the s		-
	The second secon	Buses and Passenger Rail	TO STATE OF TAXABLE OF				
	Non-mechanical Heat Transfer	Thermosiphon			SATES		
	() () () () () () () () () ()	Recirculating Coolers	F-77 14 55				
	Mechanical Heat Transfer	Organic Rankine Cycle (ORC)					
	Very Low Temperature Refrigeration	MOELEN BUILDING					
		Uranium Isotope Separation		Name and Parks			
	Control and the last of the la	Processing					
	Other (specify)	Ice Cream Makers		Had I was a second			
						or was a superior and a superior	January 1
	Rigid Polyurethane: Appliance	THE RESERVE AND DESCRIPTIONS					2
	Rigid Polyurethane: Spray						
	Rigid Polyurethane: Commercial	A THE WHOLE SHARE THE STATE OF	The second second	CHICAGO TO THE			li .
	Refrigeration						
	Rigid Polyurethane: Sandwich Panels			CHARLES TO STATE OF THE STATE O			
	Rigid Polyurethane: Slabstock and Other			Marketto Duberto			
	Rigid Polyurethane & Polyisocyanurate	THE STREET STREET			Complete Company	e de la companya della companya della companya de la companya della companya dell	
	Laminated Boardstock	OF STREET					1
Foam Blowing							-
noc-result 500 (n tint 10 50 50 5	Flexible Polyurethane						
	Integral Skin Polyurethane			THE PERSON NAMED IN COLUMN			
	Polystyrene: Extruded Sheet					The state of the s	
				THE RESERVE THE PARTY OF THE PA			1
	Polystyrene: Extruded Boardstock &						

	Polyolefin				The industry of a property	sayed (City to re-	
	Phenolic Insulation Board & Bunstock						
X = 0.7 = 0.00 0.00	Other (specify)	BLEDZIMI PILKEN	Made a Line		The latest		
40 Septemb	Metal cleaning						
Cleaning Solvents	Electronics cleaning				Marie San Control		-
	Precision cleaning	THE REAL PROPERTY.		THE REPORT OF THE PARTY OF THE			
	Total Flooding Agents	Normally Occupied Areas					
Fire Suppression and Explosion Protection	Total Flooding Agents	Normally Unoccupied Areas					
Total	Streaming Applications						
	Propellants	Consumer					100
		Technical			CONTRACTOR OF THE PERSON		
Aerosols		Medical					
verosois	Solvents	Consumer					T
		Technical			THE RESERVE AND ADDRESS OF THE		
		Medical					
terilization	Sterilant	ER WINDOWS					
	Adhesives						
Adhesives, Coatings, and Inks	Coatings						T
	Inks					THE PROPERTY OF	
Tobacco Expansion	Tobacco Expansion						

2. End-Use Specific Standards: List any standard-setting organizations (U.S. or ANSI/ISO) that will evaluate the proposed substitute and/or equipment in the proposed end-use(s) and identify the associated standard.

Standard-Setting Organization	End-Use	Application	Standard number and title	Status (e.g., under development, final)	СВ
American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE) (e.g., ASHRAE 15)					
Underwriters Laboratories (UL) (e.g., UL 484, UL 250)					
Society of Automotive Engineers (SAE) International					
Other (e.g., International Electrochemical Commission (IEC), International Organization for Standardization (ISO)), National Fire Protection Association (NFPA)					

3. Technology Changes and Costs: Describe any new equipment technology changes and associated costs that will be necessary in order to use the proposed substitute.

End-Use	Application	(a) Technology changes to use alternative and address material compatibility issues when retrofitting	(b) Capital costs associated with proposed substitute, alternative process, new equipment, and/or new materials	(c) Changes in labor and energy costs	(d) Ongoing operational costs of equipment	СВІ

4. Production and Market Share: Provide estimated information on production of the proposed substitute by end-use. If possible, estimate the percentage of the market held by the ODS being replaced that will be captured by this proposed substitute.

End-Use	Application	(a) Year proposed substitute or technology will be available (or note if currently available)	(c) Years until maximum market penetration	(d) Maximum annual production at market penetration	(e) Anticipated market share at market penetration (%)	СВІ
						0

5. Energy Efficiency: Provide the alternative's impact on energy efficiency relative to the substance it is replacing in similar applications for refrigeration, air conditioning, or foam blowing. Attach documentation, if available.

End-Use	Application	Energy efficiency (+/- X%) relative to substance(s) being replaced	Supporting documentation attached?	СВІ

Section C: Flammability		
1. Flammability-Related Physical and Chemical Properties. Provide information on the physical and chemical properties relevant to evaluating the flammabi sectors, it is noted in parentheses. Also, if any parameter has also been provided in the PMN form, it does not need to be repeated here.	ity of the proposed substitute. Please note: If a property is only required for specific	СВІ
(a) Lower flammability limit (LFL) (using ASTM E681)	ppm or %	
(b) Upper flammability limit (UFL) (using ASTM E681)	ppm or %	
(c) Flashpoint	•	
(d) Heat of combustion	kJ/kg	
(e) Maximum pressure of combustion (refrigeration and air conditioning, and cleaning solvents only)	atm .	
(f) Maximum rate of pressure increase during combustion (refrigeration and air conditioning only)		
(g) Minimum ignition energy (refrigeration and air conditioning only)	Joules	
(h) Critical temperature (refrigeration and air conditioning only)	*c	
(i) Critical pressure (refrigeration and air conditioning only)	atm	

Part III: General Information

		ls, sterilants, and adhesives coat ts and adhesives, coatings, and i					ppm or % @ 20°C	
2. Flan	nmability Assessments and Te	est Data.						
_	Flammable Substitutes				Summa	ry of results	Attached?	СВІ
(a) Res	ults of ASTM E681 for flammab	bility limits in air (include temper	ature at which test was conducte	ed in summary of				
results (b) Add) ditional analyses (optional)							
	mmable Refrigerants Only		VIVE NEW YORK					w.
		e and Effects Analysis (for each e	end-use)					
(d) Risi	assessment for all end-uses, o	consumer and occupational (tech	nnician) exposure					
(e) Fra	ctionation during Leakage (req	uired only for blends with flamm	able components)			The second second		
	The state of the s		n flammability concerns and mitig		90 - W			СВІ
(a) Det mixtur		that are used to minimize the ris	ks associated with flammable sub	ostances or			Market Co.	
(b) For concer		nts used in spray foam, provide a	training program that addresses	flammability	Att	tached?	A DESCRIPTION OF THE PARTY OF T	
_		bility concerns and mitigation m	easures:					'
	ted or removed.					in of the submission must be submitt		

TSCA/SNAP ADDENDUM

Part IV: Sector-Specific Information

Section A: Refrigeration and A	ir Conditioning		46.00		-54-151	
	e. If the substitute is proposed for use in the refrig d associated equipment size anticipated. Note: If p				n on the equipment lifetime,	
End-Use	Application	(a) Equipment Lifetime (years)	(b) Typical charge size (kg)	(c) Maximum charge size (kg)	(d) Equipment capacity (kWh, tons)	СВ
End-Use	Applica	ition	(d) Typical room size (m³)	(e) Minimum room size (m³)	(f) Anticipated room air	СВІ
Line-ose			(a) Typical room size (iii)	(e) minimali room size (iii)	exchange rate (ACH)	
a secondary loop? In what types of lo	lease describe the specific uses for which you are a cations will the equipment be used (e.g., for refrig itioning? Is air conditioning for the purpose of hur	geration this could include supermarkets,	convenience stores, and/or resta			СВІ
3. Compressor Oil: If the proposed su refrigerant/oil solubility.	ubstitute is a refrigerant, provide information on th	ne chemical class of refrigerant oil you an	ticipate will be used (e.g., polyalk	tylene glycol, polyolester, mineral	oil, etc.) and information on	СВІ
Section B: Foam Blowing						
	e. If the substitute is proposed for use in the foam pated. Note: If you provide personal monitoring do			de information on the amount of	blowing agent, associated roo	om siz
End-Use	(a) Typical amount of blowing agent (kg)	(b) Maximum amount of blowing agent (kg)	(c) Typical room size (m³)	(d) Minimum room size (m³)	(e) Anticipated room air exchange rate (ACH)	СВІ
2. Additional End-Use Description: Pl using the foam blowing agent/equipn pressure spray foam?	lease describe the specific uses for which you are a ment? Will the foam blowing agent be used by con	applying. For example, what type of mate issumers or restricted to commercial use?	erial will be blown? What method For spray foams, how many com	or type of equipment is used for ponents are used? Will the altern	foam blowing? Who will be ative be used in high or low	СВІ
				Jan Ba	ener i montificial i	
	e. If the substitute is proposed for use the cleaning	g solvent sector (as specified in Part III, Se	ction B, Number 1), please provid	de information on the following. N	Note: If you provide personal	
monitoring data, you are not required End-Use	d to respond to questions (a) through (b) below. (a) Provide information on the leak-tightne	ess of the equipment (e.g., typical and m	aximum leak rate of equipment)	(b) Anticipated room ai	r exchange rate (ACH)	СВІ
2. Additional End-Use Description: Pl top vapor degreaser, vacuum sealed e cleaning.	lease describe the specific uses for which you are a equipment, conveyorized equipment)? Where will	applying. For example, what type of work the cleaning occur (e.g., commercial or i	pieces will be cleaned? What typ ndustrial setting)? Please note th	pe of equipment will be used to pe at this end-use does not include r	erform cleaning (e.g., open nanual cleaning or textile	СВІ
3. Compatibility: Provide information	on the compatibility of the proposed substitute w	with metals and plastics.				СВІ
Section D: Fire Suppression			Marketine has the county	to leaving all body by leavening		

End-Use	Ар	plication	(a) Typical charge size (kg)	(b) Maximum charge size (kg)	(c) Identify the discharge rate (g/s) of the fire extinguishing device
		70			STATE OF THE PARTY
End-Use	Ар	plication	(d) Typical room size (m³)	(e) Minimum room size (m³)	(f) Anticipated room air exchange rate (ACH)
dditional End-Use Description: Please	e describe the specific uses for which you	are applying. For example, what is the mo	thod of distribution (e.g., localized,	sprinkler system, handheld, gasec	ous)? Is it a clean agent? Is th
nt aerosolized? Where will the fire sup		e, aviation, data center)? Where will hand	held extinguishers be intended for u	se (e.g., residential, commercial,	
ADMINISTRAÇÃO	TO SERVICE CONTRACTOR OF THE PERSON NAMED IN COLUMN TWO IN COLUMN TO SERVICE CONTRACTOR OF THE PERSON NAMED IN COLUMN TO SERVICE COLUMN TO	- Committee			1000
tion E: Aerosols					
Application of Proposed Substitute. If icipated.	the substitute is proposed for use in the	aerosols sector (as specified in Part III, Sec			
End-Use	Application	(a) Typical amount of substitute can (g)	(b) Maximum amount of substitute per can (g)	(c) Typical total weight of aerosol Can (g)	(d) Maximum total weigh of aerosol can (g)
The state of the same same same	e describe the specific uses for which you	are applying. For example, in what type of	f products will the substitute be used	d (e.g., personal care, automotive	, electrical contact cleaner,
			NEW TOTAL CONTRACTOR		
reaser, medical adhesive spray, MDI)?		or consumer use. If yes, describe the antici	pated consumer applications.		
reaser, medical adhesive spray, MDI)?		or consumer use. If yes, describe the antici	oated consumer applications.		
reaser, medical adhesive spray, MDI)? Consumer Use: Please indicate whethe		or consumer use. If yes, describe the antici	bated consumer applications.		
consumer Use: Please indicate whethe ction F: Sterilants	r the proposed substitute will be used fo	or consumer use. If yes, describe the antici sterilants sector (as specified in Part III, Se		formation on the amount and as	sociated room size
reaser, medical adhesive spray, MDI)? onsumer Use: Please indicate whethe tion F: Sterilants pplication of Proposed Substitute. If t	r the proposed substitute will be used fo		tion B, Number 1), please provide in		
reaser, medical adhesive spray, MDI)? onsumer Use: Please indicate whethe tion F: Sterilants pplication of Proposed Substitute. If to	r the proposed substitute will be used fo	sterilants sector (as specified in Part III, Se	tion B, Number 1), please provide in		
consumer Use: Please indicate whethe crown F: Sterilants Application of Proposed Substitute. If the circles in	r the proposed substitute will be used fo	sterilants sector (as specified in Part III, Se	tion B, Number 1), please provide in		
consumer Use: Please indicate whethe ction F: Sterilants Application of Proposed Substitute. If ticipated. End-Use	r the proposed substitute will be used for the proposed substitute will be used for the substitute is proposed for use in the substitute is proposed for use in the substitute information on the leak-tip	sterilants sector (as specified in Part III, Se ghtness of the equipment (e.g., maximum	ction B, Number 1), please provide in and typical leak rate of equipment	(b) Anticipated room a	
consumer Use: Please indicate whethe cition F: Sterilants upplication of Proposed Substitute. If ticipated. End-Use	r the proposed substitute will be used for the proposed substitute will be used for the substitute is proposed for use in the substitute is proposed for use in the substitute information on the leak-tip	sterilants sector (as specified in Part III, Se	ction B, Number 1), please provide in and typical leak rate of equipment	(b) Anticipated room a	
onsumer Use: Please indicate whethe cition F: Sterilants pplication of Proposed Substitute. If to cipated. End-Use	r the proposed substitute will be used for the proposed substitute will be used for the substitute is proposed for use in the substitute is proposed for use in the substitute information on the leak-tip	sterilants sector (as specified in Part III, Se ghtness of the equipment (e.g., maximum	ction B, Number 1), please provide in and typical leak rate of equipment	(b) Anticipated room a	
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Note: Information claimed as confidential should be placed in [brackets] and marked as CBI. If information is claimed as CBI, then a public version of the submission must be submitted with the bracketed information redacted or removed.

Part V: Additional Information

Please provide any additional information in this section.

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Part VI: Attachments

United States ENVIRONMENTAL PROTECTION AGENCY Washington, DC 20460

TSCA/SNAP ADDENDUM

Part VI: Attachments

Select (X) in the CBI box next to any attachment that contains information you claim as confidential. The public version of the submission form must include the attachment name/citation at a minimum. All claims of confidentiality must be substantiated in Part I.

#	Attachment Name/Citation	Associated Section of TSCA/SNAP Addendum (Part/Section/Question)	Number of Pages	СВІ
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Note: Information claimed as confidential should be placed in [brackets] and marked as CBI. If information is claimed as CBI, then a public version of the submission must be submitted with the bracketed information redacted or removed.

Part VII: Certification

United States ENVIRONMENTAL PROTECTION AGENCY Washington, DC 20460

TSCA/SNAP ADDENDUM

Part VII: Certification

I certify to the best of my knowledge and belief that:

1. All information provided in this notice is complete and truthful as of the date of the submission.
2. I am submitting with this notice all test data in my possession or control and a description of all other data known to or reasonably ascertainable by me.

- 3. If this is a submission of a new alternative, the company named in Part I, Question 1a of this notice:

 (a) intends to manufacture, formulate, import, market, or use a new alternative to a Class I or Class II ozone-depleting substance which is identified in Part I, Section B, Question 2.
- (b) seeks an acceptability determination on a new alternative(s) to a Class I or Class II ozone-depleting substance, which is identified in Part I, Section B, Question
- 4. The accuracy of the statements made in this notice reflects my best prediction of the anticipated facts regarding the alternative described herein. Any knowing and willful misinterpretation is subject to criminal penalty pursuant to section 113(c) of the Clean Air Act and 18 U.S.C.§1001.

A printed copy of this signature page, with original signature, must be submitted with CD or paper submission.

Signature of Authorized Official (Original Signature Required):	Date
Print Name and Title of Authorized Official:	Date
Signature of Agent (Where Applicable):	Date
Print Name and Title of Authorized Official:	Date

Unque States ENVIRONMENTAL PROTECTION AGENCY Varietiesten DC 20180

TSCAUSNAP ADDENDUM

Part VII Certification.

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