

Safety Data Sheet ENEA0070 Date of issue: 06/25/2015 Version: 1.0

1.1 Product identifier Physical state Substance Physical state Liquid Substance name Liquid Substance name ENEA0070 Formula C346CI Synonyms S-OLDCOPROPENE; 2-PROPENYL CHLORIDE Chemical family ESTER 1.2 Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture Chemical intermediate For research and industrial use only 1.3 Details of the supplier of the satery data sheet GETEST, NC. T155-847-0130 1.4. Emergency number Emergency number CHEMTREC: 1-800-424-9300 (USA); +1 703-627-3887 (International) SECTION 2: Hazards identification Classification of the substance or mixture Classification of the substance or mixture Classification (GRS-US) Flam. Li, 3 H28 Full text of H-phrases: see section 16 Classification (GRS-US) Flam. Li, 3 H228 Full text of H-phrases: see section 16 Classification (GRS-US) Flat. exclassification (GRS-US) E 226 Flat. T215-247-1015 Classification (GRS-US) Fl		substance/mixture and of the company/undertaking				
Physical state :: Liquid Substance name :: ALLYL CHLORIDE Product code :: ENEA0070 Formula :: C3HSG Synonyms :: S-CHLOROPROPENE; 2-PROPENYL CHLORIDE Chemical family :: ESTER 1.2. Relevant identified uses of the substance or mixture and uses advised against Use of the substance.or or mixture and uses advised against Use of the substance.or or mixture and uses advised against Use of the substance.or or mixture and uses advised against Use of the substance.or or mixture and uses advised against Use of the substance.or or mixture and uses advised against Use of the substance.or or mixture and uses advised against Use of the substance.or or mixture and uses advised against Use of the substance or mixture and uses advised against 1.3. Datable of the supplier of the safety data sheet GELEST INC. 1.4. Energency telephone number Emergency number 1.4. Energency telephone number 1.5. SECTION 2: Hazards identification 1.6. Lissa Site of the substance or mixture 1.6. Lissa Site of the substance or mixture 1.8. Energency Internet 1.9. Lissa Site of the substance or mixture 1.9. Lissa Site of the substance or mixture	1.1. Product identifier					
Substance name : ALLYL CHORDE Product code : SNG0 Synonyms : SOCHOCOPROPENE; 2-PROPENYL CHLORIDE Chemical family : ESTER 1.2 Relevant identified uses of the substance or mixture and uses advised against 1.3 Details of the supplier of the safety data sheet GETEST INC 1.4 Energency tuelphone number Emergency number : CHEMTREC: 1-800-424-4300 (USA); +1 703-527-3887 (International) SECTION 2: Hazards identified to an intermediate FORMAL 10: STOCK 10	Product form	: Substance				
Product code : PNE A070 Formula : GHSG Synonyms : SCHCOROPROPENE; 2-PROPENYL CHLORIDE Chemical lamihy : ESTER To research and industrial use only : 1.1 Details of the subplier of the safety data sheet GELEST, NC. 11 East Skeet Road Worrswills, PA 19067 12 14 Emergency turbephone number Emergency number 14. Emergency turbephone number Emergency number 14. Emergency turbephone number Emergency number 15. Classification of the substance or mixture Classification (GHS-US) Full text of H-phrases: see section 16 ESTEN ESTEN Ester in 20, 3 Ester in 20, 3 E	Physical state	: Liquid				
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Use of the substance/mixture : Chemical intermediate For research and industrial use only 1.3. Details of the supplier of the safety data sheet GFLEST, INC. 11.4 East Sheet Road Worrswills, PA 19067 USA T 215-547-2484 - (M-F): 8:00 AM - 5:30 PM EST Indog 2glest.com 14.4 Emergency telephone number Emergency number : CHEMTREC: 1-800-424-9300 (USA); +1 703-527-3887 (International) SECTION 2: Hazards identification 2.1. Classification of the substance or mixture Classification of the substance or mixture Piel text of H-phrases: see section 16 EXEC Substance Hazard pictograms (GHS-US) Figure 1: Classification of the substance Hazard statements (GHS-US) Freecautionary s						
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11 East Sheel Read Morrisville, PA 19957 USA USA 175:547-1015 - F 215-547-2484 - (M-F): 8:00 AM - 5:30 PM EST Info@Gelest.com - www.gelest.com 1.4. Emergency telephone number Emergency number : CHEMTREC: 1-800-424-9300 (USA); +1 703-527-3887 (International) SECTION 2: Hazard's Identification Classification (CHS-US) Fam. Liq. 3 H226 Acute Tox 3 (Oral) H331 Acute Tox 3 (Oral) H331 Acute Tox 3 (Oral) H332 Skin Inft 2 H315 Acute Tox 4 (Indiation:vapour) H332 Skin Inft 2 H315 Acute Tox 4 (Indiation:vapour) H332 Skin Inft 2 H319 Acute Tox 4 (Indiation:vapour) H332 Skin Inft 2 H319 Hazard pictograms (GHS-US) H326 Harmitul I Inialei H327 - Notic I Swallowed H327 - Notic I Swallowed H327 - Notic I Swallowed H327 - Notic I Swallowed H326 - Avanh Inft Inialei P240 - Forourofbond Container and receiving equipment P241 - Use explosion-proof electrical equipment P242 - Ise explosion-proof electrical equipment P242 - Ise only outdoors or in a well-ventilated area P242 - Vaah hands throroughy after handling P240 - Forour doread thror wapos, mist P246 - Vaah hands throroughy after handling P247 - Not or lead.rink to routed, rink to routed, rink to routed the environment P241 - Use environment P242 - Ise only outdoors or in a well-ventilated area P243 - Not or lead.rink to routed reality product P241 - Se only outdoors or in a well-ventilated	1.3. Details of the supplier of the s	afety data sheet				
Into Biggelest.com - vww.gelest.com 14. Emergency ulgelphone number Emergency number : CHEMTREC: 1-800-424-9300 (USA); +1 703-527-3887 (International) SECTION 2: Hazard's identification 21. Classification of the substance or mixture Classification (GHS-US) Flam. Liq. 3 H226 Acute Tox. 3 (Oral) H201 Acute Tox. 4 (Inhalationvapour) H315 Full text of H-phrases; see section 16 Evelocity 2.2. Label elements GHS-US labeling Evelocity Hazard pictograms (GHS-US) : Hazard statements (GHS-US) : Hazard statements (GHS-US) : H226 - Planmable liquid and vapor H315 - Causes skin intritation H316 - Causes serious serious serious regerimation H317 - Causes skin intritation H318 - Causes skin intritation H319 - Causes skin intritation H319 - Causes skin intritation H319 - Causes strinut ininhaled H402	11 East Steel Road Morrisville, PA 19067 USA					
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Classification (GHS-US)Flam, Liq, 3H226Acute Tox, 4 (Inhalation:vapour)H332Skin Irit, 2H315Sye Irit, 2AH319Aquatic Acute 3H402Full text of H-phrases: see section 16 2.2. Label elementsGHS-US labeling Hazard pictograms (GHS-US)# DangerSignal word (GHS-US)H226 - Flammable liquid and vaporH326 - Flammable liquid and vaporH326 - H320 - WeillowedH326 - Harmful to aquatic lifePrecautionary statements (GHS-US): P210 - Keep away from heat, open flames, sparks No smokingP242 - Use only non-sparking toolsP420 - Scound/bond container and receiving equipmentP242 - Use only non-sparking toolsP240 - Ground/bond container and receiving equipmentP242 - Use only non-sparking toolsP241 - Woid breathing vapors, mistP242 - Use only non-sparking toolsP242 - Vide ontainer tightly closedP241 - Avoid breathing vapors, mistP242 - Use only ourdoors or in a well-ventilated areaP241 - Avoid breathing vapors, mistP241 - Avoid breathing vapors or in a well-ventilated areaP241 - Avoid breathing vapors or in a well-ventilated areaP242 - Use only ourdoors or in a well-ventilated areaP241 - Avoid						
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Hazard pictograms (GHS-US) :	Acute Tox. 4 (Inhaíation:vapour)H332Skin Irrit. 2H315Eye Irrit. 2AH319Aquatic Acute 3H402Full text of H-phrases: see section 16					
Signal word (GHS-US): DangerHazard statements (GHS-US): H226 - Flammable liquid and vapor H301 - Toxic if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation H322 - Harmful if inhaled H402 - Harmful to aquatic lifePrecautionary statements (GHS-US): P210 - Keep away from heat, open flames, sparks No smoking P233 - Keep container tightly closed P240 - Ground/bond container and receiving equipment P241 - Use explosion-proof electrical equipment P242 - Use only non-sparking tools P243 - Take precautionary measures against static discharge P261 - Avoid breathing vapors, mist P264 - Wash hands thoroughly after handling P270 - Do not eat, drink or smoke when using this product P271 - Use only outdoors or in a well-ventilated area P273 - Avoid release to the environment	Acute Tox. 4 (Inhalation:vapour)H332Skin Irrit. 2H315Eye Irrit. 2AH319Aquatic Acute 3H402Full text of H-phrases: see section 162.2.Label elements					
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Precautionary statements (GHS-US) P210 - Keep away from heat, open flames, sparks No smoking P233 - Keep container tightly closed P240 - Ground/bond container and receiving equipment P241 - Use explosion-proof electrical equipment P242 - Use only non-sparking tools P243 - Take precautionary measures against static discharge P261 - Avoid breathing vapors, mist P264 - Wash hands thoroughly after handling P270 - Do not eat, drink or smoke when using this product P271 - Use only outdoors or in a well-ventilated area P273 - Avoid release to the environment	Acute Tox. 4 (Inhalation:vapour)H332Skin Irrit. 2H315Eye Irrit. 2AH319Aquatic Acute 3H402Full text of H-phrases: see section 162.2.Label elementsGHS-US labelingHazard pictograms (GHS-US)					
P280 - Wear eye protection, protective clothing, protective gloves	Acute Tox. 4 (Inhalation:vapour) H332 Skin Irrit. 2 H315 Eye Irrit. 2A H319 Aquatic Acute 3 H402 Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US)	 Danger H226 - Flammable liquid and vapor H301 - Toxic if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation H332 - Harmful if inhaled 				

	 P301+P310 - If swallowed: Immediately call a doctor P302+P352 - If on skin: Wash with plenty of soap and water P303+P361+P353 - If on skin (or hair): take off immediately all contaminated clothing. rinse skin with water/shower P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P312 - Call a doctor if you feel unwell P330 - Rinse mouth P332+P313 - If skin irritation occurs: Get medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attention P362 - Take off contaminated clothing and wash before reuse P370+P378 - In case of fire: Use water spray or fog, foam, carbon dioxide, dry chemical to extinguish P403+P235 - Keep in a cool place P405 - Store locked up P501 - Dispose of contents/container to licensed waste disposal facility. 					
2.3. Other hazards						
No additional information available						
2.4. Unknown acute toxicity (GHS US) No data available						
SECTION 3: Composition/informati	on on i	ngrédients				
3.1. Substance		a sea bite sea				
Substance type						
Name CAS No		YL CHLORIDE -05-1				
EC no	-	-457-6				
EC index no		-029-00-X				
Name		Product identifier	%	Classification (GHS-US)		
Allyl Chloride		(CAS No) 107-05-1	> 98	Flam. Lig. 2, H225		
				Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 3, H402		
3.2. Mixture Not applicable	2					
SECTION 4: First aid measures						
4.1. Description of first aid measures						
First-aid measures general	mee	nove contaminated clothing and shoes. In lical advice immediately (show the label v lable show packaging or label.				
First-aid measures after inhalation	unw	nove victim to fresh air and keep at rest in ell, seek medical advice.	a position com	fortable for breathing. If you feel		
First-aid measures after skin contact		sh with plenty of soap and water.				
First-aid measures after eye contact	pres	nediately flush eyes thoroughly with water sent and easy to do. Continue rinsing. Ge	t medical advice	Attention.		
First-aid measures after ingestion	adv	er give anything by mouth to an unconsci ce/attention.	ous person. Ge	t immediate medical		
4.2. Most important symptoms and effe		•				
Symptoms/injuries after inhalation	inha	mful if inhaled. Danger of serious damage lation.	e to health by pr	olonged exposure through		
Symptoms/injuries after skin contact	: Causes skin irritation.					
Symptoms/injuries after eye contact Symptoms/injuries after ingestion	: Causes eye irritation. : Toxic if swallowed.					
4.3. Indication of any immediate medic	al attenti	on and special treatment needed				
No additional information available						
SECTION 5: Firefighting measures						
5.1. Extinguishing media						
Suitable extinguishing media	: Wa	er fog. Water spray. Foam. Carbon dioxic	le. Dry chemica			

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5.2. Special hazar	ds arising from the sub	stance or mixture	
Fire hazard : Highly flammable liquid and vapor. Irritating fumes and organic acid vapors may or material is exposed to elevated temperatures or open flame.			
Explosion hazard		apor-air mixture.	
5.3. Advice for fire	efighters		
Firefighting instructions		: Exercise caution when fighting an	•
Protection during firefigh	ting	: Do not enter fire area without pro Avoid all eye and skin contact an	oper protective equipment, including respiratory protection. Ind do not breathe vapor and mist.
SECTION 6: Accid	ental release meas	ures	
-	autions, protective equ	ipment and emergency procedure	
General measures		: Eliminate every possible source of Remove ignition sources. No ope	of ignition. Use special care to avoid static electric charges. en flames. No smoking.
6.1.1. For non-emer	gency personnel		
Emergency procedures		: Evacuate unnecessary personne	əl.
6.1.2. For emergence	y responders		
Protective equipment		: Equip cleanup crew with proper p	protection.
6.2. Environmenta	al precautions		
Prevent entry to sewers	and public waters. Notify	authorities if liquid enters sewers or	public waters. Avoid release to the environment.
6.3. Methods and	material for containmer	nt and cleaning up	
For containment		streams.	bsorbents to prevent migration and entry into sewers or
Methods for cleaning up			an up any spills as soon as possible, using an absorbent novel spills into appropriate container for disposal.
	other sections	nata ati a n	
	e controls and personal p	protection.	
SECTION 7: Handl			
7.1. Precautions f Additional hazards when	or safe handling	Handle empty containers with ca	re because residual vapors are flammable.
Precautions for safe han		: Avoid all eye and skin contact an	nd do not breathe vapor and mist. Use only outdoors or in a hing vapors. Provide good ventilation in process area to
Hygiene measures			ndling. Wash contaminated clothing before reuse. Do not eat,
7.2. Conditions fo	r safe storage, includin	g any incompatibilities	
Technical measures			avoid static electricity should be followed. Ground/bond nt. Use explosion-proof electrical equipment.
Storage conditions		: Keep container tightly closed.	
Storage area		: Store in a well-ventilated place. S	Store away from heat.
7.3. Specific end	()		
No additional information			
SECTION 8: Expos		nal protection	
8.1. Control paran			
Allyl Chloride (107-05			
USA ACGIH	ACGIH TWA (p		1 ppm
USA ACGIH	ACGIH STEL (p	,	2 ppm
USA NIOSH	NIOSH REL (TV	, , ,	3 mg/m ³
USA NIOSH	NIOSH REL (TV	, ,	1 ppm
USA NIOSH	NIOSH REL (ST	EL) (mg/m³)	6 mg/m ³
	NIOSH REL (ST	EL) (ppm)	2 ppm
USA NIOSH			
USA NIOSH USA OSHA	OSHA PEL (TW	'A) (mg/m³)	3 mg/m³
	OSHA PEL (TW OSHA PEL (TW	, , ,	3 mg/m ³ 1 ppm

Safety Data Sheet

8.2. Exposure controls	
Appropriate engineering controls	: Provide local exhaust or general room ventilation.
Personal protective equipment	: Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Hand protection	: Neoprene or nitrile rubber gloves.
Eye protection	: Chemical goggles. Contact lenses should not be worn.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: Wear respiratory protection. NIOSH-certified combination organic vapor/acid gas (yellow cartridge) respirator.
SECTION 9: Physical and cl	hemical properties
9.1. Information on basic phy	sical and chemical properties
Physical state	: Liquid
Appearance	: Clear liquid.
Molecular mass	: 76.52 g/mol

Color: Straw yellow.Odor: characteristic.Odor threshold: No data availableRefractive index: 1.414pH: No data availableRelative evaporation rate (butyl acetate=1): 7Melting point: .130 °CBoiling point: .44 - 46 °CFlash point: .31 °CAuto-ignition temperature: .45°CPeresung point: .45°CPeresung point: .295 mm HgRelative evapor density at 20 °C: .26Relative ensity: .039VOC content: .039Soluble in water. Slightly. Water: .0.36 %Log Kow: .No data availableViscosity, kinematic: .No data availableViscosity, kinematic: .No data availableViscosity, kinematic: .No data availableViscosity, dynamic: .No data availableExplosion limits: .No data availableViscosity, dynamic: .No data availableViscosity, dynamic: .No data availableExplosion limits: .No data availableViscosity. Content: .No data availableViscosity, dynamic: .No data availableViscosity, dynamic: .No data availableViscosity, dynamic: .No data availableCytop infitis: .No data availableViscosity. Other informatio: .No data available </th <th>Molecular mass</th> <th>. 76.52 g/moi</th>	Molecular mass	. 76.52 g/moi
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Refractive index : 1.414 pH : No data available Relative evaporation rate (butyl acetate=1) : 7 Melting point : No data available Freezing point : : No data available Freezing point : : : No data available Boiling point : : : : : : Boiling point :	Odor	: characteristic.
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Explosive properties: No data availableOxidizing properties: No data availableExplosion limits: 2.9 - 11.2 vol % (lower; upper)	Viscosity, kinematic	: No data available
Oxidizing properties: No data availableExplosion limits: 2.9 - 11.2 vol % (lower; upper)	Viscosity, dynamic	: No data available
Explosion limits : 2.9 - 11.2 vol % (lower; upper)	Explosive properties	: No data available
	Oxidizing properties	: No data available
9.2. Other information	Explosion limits	: 2.9 - 11.2 vol % (lower; upper)
	9.2. Other information	

9.2. Other information

No additional information available

SECT	SECTION 10: Stability and reactivity				
10.1.	Reactivity				
No add	itional information available				
10.2.	Chemical stability				
Stable.					
10.3.	Possibility of hazardous reactions				
No addi	No additional information available				
10.4.	Conditions to avoid				
Heat. Open flame. Sparks.					
10.5.	Incompatible materials				
. .	Original and the second dependence of the second se				

Amines. Oxidizing agent. Aluminum chloride. Iron. Magnesium. Zinc.

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10.6. Hazardous decomposition products

Organic acid vapors.

Organic acid vapors.						
SECTION 11: Toxicological information						
11.1. Information on toxicological effects						
Acute toxicity	: Oral: Toxic if swallowed. Inhalation:vapour: Harmful if inhaled.					
ALLYL CHLORIDE (107-05-1)						
LD50 oral rat	120 mg/kg					
ATE US (oral)	120.000 mg/kg body weight					
ATE US (vapors)	11.224 mg/l/4h					
Allyl Chloride (107-05-1)						
LD50 oral rat	450 mg/kg					
LD50 dermal rabbit	2026 mg/kg					
LC50 inhalation rat (mg/l)	11 mg/l/4h					
ATE US (oral)	450.000 mg/kg body weight					
ATE US (dermal)	2026.000 mg/kg body weight					
ATE US (vapors)	11.000 mg/l/4h					
ATE US (dust, mist)	11.000 mg/l/4h					
Skin corrosion/irritation	: Causes skin irritation.					
Serious eye damage/irritation	: Causes serious eye irritation.					
Respiratory or skin sensitization	: Not classified					
Germ cell mutagenicity	: Not classified					
Carcinogenicity	: Not classified					
	Mouse feeding and inhalation studies classify this material as an equivocal tumorigenic agent.					
	(RTECS UC7350000/UC7026FO)					
Allyl Chloride (107-05-1)						
IARC group	3 - Not classifiable					
Reproductive toxicity	: Not classified					
Specific target organ toxicity (single exposure)	: Not classified					
Specific target organ toxicity (repeated	: Not classified					
exposure)						
Aspiration hazard	: Not classified					
Potential Adverse human health effects and symptoms	: Harmful if inhaled. Toxic if swallowed.					
Symptoms/injuries after inhalation	: Harmful if inhaled. Danger of serious damage to health by prolonged exposure through inhalation.					
Symptoms/injuries after skin contact	: Causes skin irritation.					
Symptoms/injuries after eye contact	: Causes eye irritation.					
Symptoms/injuries after ingestion	: Toxic if swallowed.					
Reason for classification	: Expert judgment					
	, , ,					

SECTION 12: Ecological information

12.1.ToxicityEcology - water

: Harmful to aquatic life.

Allyl C	Allyl Chloride (107-05-1)				
LC50 f	ish 1	14.97 - 24.78 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])			
LC50 f	ish 2	33.52 - 53.47 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])			
12.2.	Persistence and degradability				

No additional information available

12.3.	Bioaccumulative potential			
Allyl C	hloride (107-05-1)			
Log Po	W	2.1		
12.4.	Mobility in soil			
No addit	ional information available			
12.5.	Other adverse effects			

Other adverse effects

: Harmful to aquatic life if released to open waters.

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Effect on ozone layer	: No additional information available
Effect on the global warming	: No known ecological damage caused by this product.
SECTION 13: Disposal consideration	ns
13.1. Waste treatment methods	
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Dispose of
	contents/container to licensed waste disposal facility.
Additional information	: Handle empty containers with care because residual vapors are flammable.
Ecology - waste materials	: Avoid release to the environment.
SECTION 14: Transport information	
14.1. UN number	
UN-No.(DOT)	: 1100
DOT NA no.	UN1100
14.2. UN proper shipping name	
Proper Shipping Name (DOT)	: Allyl chloride
Department of Transportation (DOT) Hazard	: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Classes	
Hazard labels (DOT)	: 3 - Flammable liquid
	6.1 - Poison inhalation hazard
	3 6
Packing group (DOT)	: I - Great Danger
DOT Packaging Exceptions (49 CFR 173.xxx)	: None
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 201
DOT Packaging Bulk (49 CFR 173.xxx)	: 243
14.3. Additional information	
Other information	: No supplementary information available.
Transport by sea	
DOT Vessel Stowage Location	: E - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a
, and the second s	passenger vessel carrying a number of passengers limited to not more than the larger of 25
	passengers, or one passenger per each 3 m of overall vessel length, but is prohibited from carriage on passenger vessels in which the limiting number of passengers is exceeded.
DOT Vessel Stowage Other	: 40 - Stow "clear of living quarters"
ů,	
Air transport	
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: Forbidden
DOT Quantity Limitations Cargo aircraft only (49	· : 30 L
CFR 175.75)	
SECTION 15: Regulatory information	n
15.1. US Federal regulations	
Allyl Chloride (107-05-1)	
Listed on the United States TSCA (Toxic Subs	tances Control Act) inventory
Listed on United States SARA Section 313	

 Listed on United States SARA Section 313

 SARA Section 313 - Emission Reporting
 1.0 %

 15.2. International regulations

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Allyl Chloride (107-05-1) Listed on the AICS (Australian Inventory of Chemical Substances)	
Listed on the Canadian DSL (Domestic Sustances List)	
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)	
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory	
Listed on the Korean ECL (Existing Chemicals List)	
Listed on NZIoC (New Zealand Inventory of Chemicals)	
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)	
Japanese Pollutant Release and Transfer Register Law (PRTR Law)	
Listed on the Canadian IDL (Ingredient Disclosure List)	
Listed on INSQ (Mexican national Inventory of Chemical Substances)	
Listed on Turkish inventory of chemical	
5.3. US State regulations	

ALLYL CHLORIDE(107-05-	1)			
U.S California - Proposition	1	No		
U.S California - Proposition 65 - Developmental Toxicity		No		
U.S California - Proposition Toxicity - Female	n 65 - Reproductive	No		
U.S California - Proposition 65 - Reproductive Toxicity - Male		No		
Allyl Chloride (107-05-1)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
No	No	No	No	

SECTION 16: Other information

Abbreviations and acronyms

Abbreviations: ND: Not Determined, No Data; NA: Not Applicable; LD: Lethal Dose; LC: Lethal Concentration; ATE: Acute Toxicity Estimates; H: hour; °: °C unless otherwise stated; mm: millimeters Hg, torr; PEL: permissible exposure level; TWA: time weighted average; TLV: threshold limit value; TG: Test Guideline; NIOSH: National Institute for Occupational Safety and Health; IARC: International Agency for Research on Cancer; NTP: National Toxicology Program; HMIS: Hazardous Material Information System; CAS No.: Chemcial Abstract Service Registration Number; EC No.: European Commission Registration Number; EC Index No.: European Commission Index Number; OECD: The Organisation for Economic Co-operation and Development.

Full text of H-phrases::

Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapor) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Skin Irrit. 2	Skin corrosion/irritation Category 2
H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H301	Toxic if swallowed
H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H402	Harmful to aquatic life

HMIS III Rating			
Health	: 3 Serious Hazard - Major inj given	ury likely unless prompt action is taken and medic	al treatment is
Flammability	: 3 Serious Hazard		
Physical	: 0 Minimal Hazard		
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SDS US (GHS HazCom 2012) - Custom

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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