# **Product Specification**



Product Name: SYLVAMBER

Vigon Code: 503944

CAS Number: 54464-57-2

FEMA Number: N/A

### Characteristic:

Odor Refractive Index (@20c) Specific Gravity (@25c) Color/appearance

### Specification: WOODY ODOR.

 1.4970
 1.5020

 0.9610
 0.9690

 COLORLESS TO SLIGHTLY AMBER COLORED LIQUID.

### Additional Product Information:

Flash Point: >200 °F

Shelf Life: 36 Months

**Storage Conditions:** Stable when stored in its original package, tightly sealed in a cool (46-90°F) and dry location out of direct heat and light.

Effective Date: March 3, 2022

### Printed Date: July 17, 2024



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1. IDENTIFICATION			
Product Description:	SYLVAMBER		
CAS #	54464-57-2		
FEMA Number	N/A		
Other means of identification Vigon Item #	503944		
Recommended use		Cosmetic material for FDA regulated product use. Concentrated aromatic ingredient which may be used fragrance compounds according to legal and IFRA guidelines.	
Recommended restrictions	For Manufacturing Use On	ly	
<u>Company</u>		24 Hour Emergency Response Information	
Vigon International, Inc.		INFOTRAC (ACCT# 78928);	
127 Airport Road		1-800-535-5053 WITHIN THE U.S.A.	
E. Stroudsburg, PA 18301		1-352-323-3500 OUTSIDE THE U.S.A.	
For information call: 570-476-63	00		
Web Site: www.vigon.com			
Manufacturer/Importer/Supplier/I Manufacturer	Distributor information		
Company name Address	Vigon International, Inc. 127 Airport Road E. Stroudsburg, PA 18301 United States		
Telephone Website E-mail	For information call: www.vigon.com regulatory@vigon.com	570-476-6300	
Emergency phone number	INFOTRAC 1-800-535-5053 1-352-323-3500	(ACCT# 78928); WITHIN THE U.S.A. OUTSIDE THE U.S.A.	

# Physical hazardsNot classified.Health hazardsSkin corrosion/irritationCategory 2Sensitization, skinCategory 1Environmental hazardsHazardous to the aquatic environment, acute hazardCategory 2Hazardous to the aquatic environment, long-term hazardCategory 2

Label elements





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Signal word	Warning
Hazard statement	Causes skin irritation. May cause an allergic skin reaction. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Precautionary statement	
Prevention	Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves.
Response	IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Collect spillage.
Storage	Store away from incompatible materials.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	100% of the substance consists of component(s) of unknown acute inhalation toxicity.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Chemical name	Common name and synonyms	CAS number	%
1-(1,2,3,4,5,6,7,8- Octahydro-2,3,8,8- tetramethyl-2- naphthyl) ethan-1-one	patchouli ethanone ambergris ketone methyl cyclomyrcetone timbrone supra	54464-57-2	100

### 4. FIRST-AID MEASURES

Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist.
Skin contact	Take off immediately all contaminated clothing. Get medical attention if irritation develops and persists. Wash skin thoroughly with soap and water for several minutes.
Eye contact	Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists. Promptly wash eyes with plenty of water while lifting the eye lids.
Ingestion	Call a physician or poison control center immediately. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.
Most important symptoms/effects, acute and delayed	Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.
Indication of immediate medical attention and special treatment needed	Not available.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

### **5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media

Water spray, fog, CO2, dry chemical, or alcohol resistant foam.



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Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.	
Specific hazards arising from the chemical	Fire may produce irritating, corrosive and/or toxic gases.	
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protectiv clothing will only provide limited protection. Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.	
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Water runoff can cause environmental damage. Ventilate closed spaces before entering them. Keep run-off water out of sewers and water sources. Dike for water control.	
Specific methods	Use water spray to cool unopened containers.	
General fire hazards	Static charges generated by emptying package in or near flammable vapor may cause flash fire.	
6. ACCIDENTAL RELEASE	EMEASURES	
Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor. Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.	
Methods and materials for	Collect and dispose of spillage as indicated in section 13 of the SDS.	
containment and cleaning up	Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.	
	The product is immiscible with water and will spread on the water surface.	
	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.	
	Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Prevent product from entering drains.	
	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers.	
	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.	
Environmental precautions	Retain and dispose of contaminated wash water. Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if	

safe to do so. Do not contaminate water.

### 7. HANDLING AND STORAGE

Precautions for safe handling

Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling.



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Conditions for safe storage, including any incompatibilities	Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated area.		
8. EXPOSURE CONTROLS	S/PERSONAL PROTECTION		
Occupational exposure limits	This substance has no PEL, TLV, or other recommended exposure limit.		
Biological limit values	No biological exposure limits noted for the ingredient(s).		
Exposure guidelines	<ul> <li>DNEL (Derived No-Effect Level): Workers - Acute/short-term exposure Local effects - dermal: 101.1 µg/cm<sup>2</sup></li> <li>DNEL (Derived No-Effect Level): Workers - Long-term exposure Systemic effects - dermal: 1.73 mg/kg bw/day Systemic effects - dermal: 1.76 mg/m<sup>3</sup></li> <li>DNEL (Derived No-Effect Level): General population - Acute/short-term exposure Local effects - dermal: 50.6 µg/cm<sup>2</sup></li> <li>DNEL (Derived No-Effect Level): General population - Long-term exposure Systemic effects - dermal: 0.86 mg/kg bw/day Systemic effects - dermal: 0.86 mg/kg bw/day Systemic effects - dermal: 0.86 mg/kg bw/day</li> <li>Systemic effects - oral: 0.25 mg/kg bw/day</li> <li>PNEC (Predicted No-Effect Concentration) aqua (freshwater): 2.8 µg/L</li> <li>PNEC (Predicted No-Effect Concentration) aqua (marine water): 0.28 µg/L</li> <li>PNEC (Predicted No-Effect Concentration) Sewage Treatment Plant: 10 mg/L</li> <li>PNEC (Predicted No-Effect Concentration) sediment (freshwater): 3.73 mg/kg sediment dw</li> <li>PNEC (Predicted No-Effect Concentration) sediment (marine water): 0.75 mg/kg sediment dw</li> <li>PNEC (Predicted No-Effect Concentration) sediment (marine water): 0.75 mg/kg sediment dw</li> <li>PNEC (Predicted No-Effect Concentration) sediment (marine water): 0.75 mg/kg sediment dw</li> <li>PNEC (Predicted No-Effect Concentration) sediment (marine water): 0.75 mg/kg sediment dw</li> <li>PNEC (Predicted No-Effect Concentration) sediment (marine water): 0.75 mg/kg sediment dw</li> <li>PNEC (Predicted No-Effect Concentration) sediment (marine water): 0.75 mg/kg sediment dw</li> <li>PNEC (Predicted No-Effect Concentration) sediment (marine water): 0.75 mg/kg sediment dw</li> <li>PNEC (Predicted No-Effect Concentration) sediment (marine water): 0.75 mg/kg sediment dw</li> </ul>		
Appropriate engineering controls	<ul> <li>• PNEC (Predicted No-Effect Concentration) aqua (intermittent releases): 13 μg/L</li> <li>Use explosion-proof ventilation equipment to stay below exposure limits. Adequate ventilation should be provided so that exposure limits are not exceeded.</li> </ul>		
Individual protection measures, su Eye/face protection	<b>ich as personal protective equipment</b> Wear safety glasses with side shields (or goggles). Face shield is recommended.		
Skin protection Hand protection	Chemical resistant gloves.		
Other	Use of an impervious apron is recommended.		
Respiratory protection	Respiratory protection not required. If ventilation is insufficient, suitable respiratory protection mus be provided.		
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.		
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.		

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Refer to Spec Sheet
Physical state	Liquid.
Form	Liquid.
Color	Refer to Spec Sheet



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Odor	Characteristic.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	552.2 °F (289 °C)
Flash point	> 200.0 °F (> 93.3 °C) Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explo	osive limits
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.0005 mm Hg at 25 °C
Vapor density	8.1
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Insoluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Molecular formula	C16H26O
Molecular weight	234.38 g/mol 234.38 g/mol
Oxidizing properties	Not oxidizing.
Specific gravity	0.97 at 20 °C

### 10. STABILITY AND REACTIVITY

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.



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Hazardous decomposition products	No hazardous decomposition products if stored and handled as indicated.		
11. TOXICOLOGICAL INF	ORMATION		
Information on likely routes of ex	cposure		
Inhalation	Knowledge about health hazard is	s incomplete.	
Skin contact	Causes skin irritation. May cause	Causes skin irritation. May cause an allergic skin reaction.	
Eye contact	Direct contact with eyes may cau	Direct contact with eyes may cause temporary irritation. Causes mild eye irritation.	
Ingestion	Expected to be a low ingestion ha	Expected to be a low ingestion hazard.	
Symptoms related to the physical, chemical and toxicological characteristics	Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.		
Information on toxicological effe	cts		
Acute toxicity	Not known.	Not known.	
Product	Species	Test Results	
1-(1,2,3,4,5,6,7,8- Octahydro-2,3	3,8,8- tetramethyl-2- naphthyl) ethan-	1-one (CAS 54464-57-2)	
Presumed Non-Toxic			
Dermal			
LD50	Rabbit	>= 5000 mg/kg	
Oral			
LD50	Rat	>= 5000 mg/kg	
Skin corrosion/irritation	Causes skin irritation. The substance was found irritating in an in vitro study using a reconstructed human epidermis (EPISKIN)		
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation. Based on the irritation properties of two structural analogues, the substance is considered as not irritating to eyes.		
Respiratory or skin sensitization			
Respiratory sensitization	Due to partial or complete lack of	data the classification is not possible.	
Skin sensitization	The substance was found to be s	May cause an allergic skin reaction. The substance was found to be skin sensitizing in several assays performed in mice according to the OECD guideline 429 (LLNA- Local Lymph Node Assay).	



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Germ cell mutagenicity	Due to partial or complete lack of data the classification is not possible. No mutagenicity was observed with the substance in several in vitro assays: - in bacteria (Ames test carried out according to the OECD 471 guideline); - in mammalian cells (mouse lympoma - test carried out according to OECD 476 guideline). No genotoxicity was observed in vitro with the substance: - in a chromosome aberration test in human lymphocytes (test carried out according to OECD 473 guideline). No genotoxicity was observed in vivo with the substance in mammalian erythrocyte micronucleus tests carried out according to the OECD 474 guideline: - in rats; - in male mice. The results were ambiguous in females.
Carcinogenicity	Due to partial or complete lack of data the classification is not possible. The substance is not expected to be carcinogenic: it is not mutagenic/genotoxic and there is no evidence from the repeated dose toxicity study that the substance is able to induce hyperplasia or preneoplastic lesions.
Not listed.	d Substances (29 CFR 1910.1001-1053) gram (NTP) Report on Carcinogens
Reproductive toxicity	Due to partial or complete lack of data the classification is not possible. No developmental effects were observed in an oral toxicity study carried out in rats: NOAEL (maternal toxicity): 240 mg/kg bw/day (effects on body weight and food consumption) NOAEL (developmental toxicity): 480 mg/kg bw/day (highest concentration tested). No reproductive toxicity is supported bu the absence of effects on reproductive organs in the 28-day repeated dose toxicity study.
Specific target organ toxicity - single exposure	Due to partial or complete lack of data the classification is not possible. No specific target organ was observed in the LD50 determination studies.
Specific target organ toxicity - repeated exposure	Due to partial or complete lack of data the classification is not possible. A 28-day oral repeated dose toxicity study was conducted with the substance in rats (according to the OECD 407 guideline): NOAEL: 150 mg/kg bw/day )reversible liver effects).
Aspiration hazard	Due to partial or complete lack of data the classification is not possible. No aspiration hazard expected.
Further information	CMR effects (carcinogenity, mutagenicity, and toxicity for reproduction) Acoording to Regulation (EC) No 1272/2008, the substance is not considered to be CMR



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cotoxicity	l oxic to a	austic lite with long lasting attacts				
	Toxic to aquatic life with long lasting effects.					
	Short term tests were conducted Water accomposited fractions (WAE) of the 14C labeled substance were prepared (the treatment					
		Water accomodated fractions (WAF) of the <sup>1</sup> 4C-labeled substance were prepared (the treatment solutions were stirred during 20 hours and left to settle for one hour). Concentrations were				
		I using Liquid Scintillation Counting.				
		rm tests were also carried out.				
	-	ugh systems were used with the <sup>1</sup> 4C-label	ed substance dissolved in acetone.			
		ations were measured using Liquid Scintilla				
	NOEC in	a 28-d test is available for three different ir	nvertebrate species of sediment organisms,			
		ing different living and feeding conditions:				
		tions, is 17.1 mg/kg dw (tests carried out a	according to or in line with the OECD 218			
	guideline)					
Product		Species	Test Results			
1-(1,2,3,4,5,6,7,8- Oct	ahydro-2,3,8,8- tetr	amethyl-2- naphthyl) ethan-1-one (CAS 54	1464-57-2)			
Aquatic						
Acute						
Algae	EC50	Green algae (Desmodesmus	> 2.6 mg/l, 72 hours (based on biomas			
0		subspicatus)	- Algae study carried out according to			
		, ,	method similar to the OECD 201			
			guideline			
			> 2.6 mg/l, 72 hours (based on growth			
			rate) - Algae study carried out accordin			
			to a method similar to the OECD 201			
			guideline			
	NOEC	Green algae (Desmodesmus	2.6 mg/l, 72 hours (based on growth			
		subspicatus)	rate) - Algae study carried out accordin			
		, ,	to a method similar to the OECD 201			
			guideline			
Crustacea	EC50	Daphnia magna	1.38 mg/l, 48 hours Daphnia study			
			carried out according to a method simi			
			to the OECD 202 guideline			
Fish	LC50	Bluegill (Lepomis macrochirus)	1.3 mg/l, 96 hours Fish study carried o			
	2000		according to a method similar to the			
			OECD 203 guideline			
Chronic			5			
		Danhaia magang	0.244 mg/l 21 days (based on body			
Crustacea	LOEC	Daphnia magna	0.244 mg/l, 21 days (based on body length) - Daphnia study carried out			
			according to the OECD 211 guideline			
			0.096 mg/l, 21 days (based on			
			reproduction) - Daphnia study carried			
			out according to the OECD 211			



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Product		Species	Test Results	
	NOEC	Daphnia magna	0.448 mg/l, 21 days (based on mortality) - Daphnia study carried out according to the OECD 211 guideline	
			0.096 mg/l, 21 days (based on body length) - Daphnia study carried out according to the OECD 211 guideline	
			0.028 mg/l, 21 days (based on reproduction) - Daphnia study carried out according to the OECD 211 guideline	
Fish	LOEC	Danio rerio	0.29 mg/l, 30 days (based on length and weight) - Fish study carried out according to the OECD 210 guideline	
	NOEC	Danio rerio	0.54 mg/l, 30 days (based on time to hatch) - Fish study carried out according to the OECD 210 guideline	
			0.54 mg/l, 30 days (based on egg survival) - Fish study carried out according to the OECD 210 guideline	
			0.3 mg/l, 30 days (based on post hatch survival) - Fish study carried out according to the OECD 210 guideline	
			0.16 mg/l, 30 days (based on length and weight) - Fish study carried out according to the OECD 210 guideline	
<b>rsistence and degradability</b> Although the substance did not readily biodegrade under the conditions of the s was shown to be rapidly biodegradable in a river water die-away study with a haprimary degradation of ca 1 day.		-		
	The half-time time in a river sediment and in agricultural and sludge amended soils was found to be 10 days, 4.2 days and 6 days respectively. These results show that the substance will be rapidly biodegraded under natural conditions.			
	The constituents of the substance are not considered to be Persistent, Bioaccumulating and Toxic (PBT). The constituents of the mixture are not considered to be very persistent and very bioaccumulating (vPvB).			
accumulative potential	Bioconcentration and metabolism of the substance was studied with the Bluegill sunfish (Lepomis macrochirus) according to the OECD 305 guideline (flow-through system). High concentration treatment			
	BCF: 593 (steady state - time of plateau: 3.6 d - average over day 14 and 21 - lipid content 7.7%) Low concentration treatment BCF: 603 (steady state appoach - time of plateau: 3.6 d - average over day 14 and 21 - lipid			



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Mobility in soil	No measured data available. Other information: Partitioning bewteen effluent and sludge (coefficient Kd) was derived directly from concentrations of the substance in these matrices in 18 sewage treatment plants: 2.98-4.18.	
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	
13. DISPOSAL CONSIDER	RATIONS	
Disposal instructions	Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.	
Local disposal regulations	Dispose in accordance with all applicable regulations.	
Hazardous waste code	Not established.	
Waste from residues / unused products	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).	
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.	
14. TRANSPORT INFORM	IATION	
ADN		
UN number	3082	
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8- Octobydro-2 3 8 8- tetramethyl-2- paphthyl) ethap.1-ope)	

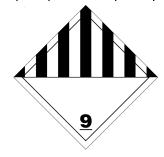
	UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8- Octahydro-2,3,8,8- tetramethyl-2- naphthyl) ethan-1-one)
	Transport hazard class(es)	9
	Subsidiary class(es)	-
	Packing group	III
	Environmental hazards	Yes
	Labels required	9
AD	R	
	UN number	3082
	UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-
		Octahydro-2,3,8,8- tetramethyl-2- naphthyl) ethan-1-one)
	Transport hazard class(es)	9
	Subsidiary class(es)	-
	Packing group	III
	Environmental hazards	Yes
	Labels required	9
RI	)	
	UN number	3082
	UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-
		Octahydro-2,3,8,8- tetramethyl-2- naphthyl) ethan-1-one)
	Transport hazard class(es)	9
	Subsidiary class(es)	-
	Packing Group	III



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Environmental Hazards	Yes
Labels required	9
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
DOT	
BULK	
UN number	3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-
	Octahydro-2,3,8,8- tetramethyl-2- naphthyl) ethan-1-one)
Hazard class	9
Packing group	III
Environmental hazards	
Marine pollutant	Yes
Packaging exceptions	155
Packaging bulk	241
Labels required	9
DOT	
NON-BULK	
Not regulated as dangerous	goods.
ΙΑΤΑ	
Not regulated as dangerous	goods.
IMDG	
UN number	3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8- Octahydro-2,3,8,8- tetramethyl-2- naphthyl) ethan-1-one)
Transport hazard class(es)	9
Subsidiary class(es)	-
Packing group	III
Environmental hazards	
Marine pollutant	Yes
Labels required	9
Transport in bulk according	Not applicable.
to Annex II of MARPOL	
73/78 and the IBC Code	
ADN; ADR; DOT BULK; IMDG; R	ID





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Marine pollutant	
15. REGULATORY INFOR	
US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
Toxic Substances Control Ac	xt (TSCA)
TSCA Section 12(b) Exp Not regulated.	oort Notification (40 CFR 707, Subpt. D)
CERCLA Hazardous Substa	nce List (40 CFR 302.4)
Not listed.	
SARA 304 Emergency release	se notification
Not regulated. OSHA Specifically Regulated	d Substances (29 CFR 1910.1001-1053)
Not listed.	
Superfund Amendments and Rea SARA 302 Extremely hazard Not listed.	
SARA 311/312 Hazardous chemical	Yes
Classified hazard categories	Skin corrosion or irritation Respiratory or skin sensitization
SARA 313 (TRI reporting) Not regulated.	
Other federal regulations	
Clean Air Act (CAA) Section	112 Hazardous Air Pollutants (HAPs) List
Not regulated. Clean Air Act (CAA) Section	112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.	
Safe Drinking Water Act (SDWA)	Not regulated.
16. OTHER INFORMATION	N, INCLUDING DATE OF PREPARATION OR LAST REVISION

Issue date	11-25-2015
Revision date	05-05-2020



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Version #	03
HMIS® ratings	Health: 2 Flammability: 1 Physical hazard: 0
Disclaimer	Vigon International, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. The above information relates only to this product and not to its use in combination with any other material or any particular process and is designed only as guidance for the safe handling, use, processing, storage, transportation, and disposal and should not be considered as a guarantee or quality specification. This product (s) is/are intentionally vaporized and inhaled. Vigon International, Inc. has performed no testing on these products in e-cig/vaping applications. It is the sole responsibility of the individual(s) purchasing this product and not to its use in combination with any other material or any particular process and is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal, and should not be considered as a guarantee or quality specification. The above information is based on the specific drom recognized sources such as distributors, manufacturers, and technical groups and is considered to be accurate to the best of Vigon's knowledge as of the date of this document. It is the responsibility of the user to review all safety information about this product and determine its safety and suitability in their own processes and operations. Appropriate warnings and safe handling procedures should be provided to all handlers and users, taking into account the intended use and the specific conditions and factors relating to such use in accordance with all applicable laws and regulations.
Revision information	<ul> <li>Product and Company Identification: Vigon Values</li> <li>HAZARD(S) IDENTIFICATION: Prevention</li> <li>HAZARD(S) IDENTIFICATION: Supplemental information</li> <li>EXPOSURE CONTROLS/PERSONAL PROTECTION: General hygiene considerations</li> <li>EXPOSURE CONTROLS/PERSONAL PROTECTION: Other</li> <li>Physical &amp; Chemical Properties: Multiple Properties</li> <li>Toxicological Information: Toxicological Data</li> <li>TOXICOLOGICAL INFORMATION: Respiratory sensitization</li> <li>TOXICOLOGICAL INFORMATION: Ingestion</li> <li>TOXICOLOGICAL INFORMATION: Inhalation</li> <li>REGULATORY INFORMATION: California Proposition 65</li> <li>REGULATORY INFORMATION: Safe Drinking Water Act (SDWA)</li> <li>OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION: Reference s HazReg Data: North America</li> </ul>



Vigon Code: 503944

FEMA #: N/A

Vigon International, LLC. certifies that the above ingredient is **<u>not</u>** food grade.

Vigon International, LCC. may terminate this certification at any time upon written notice in which this certification shall be null and void as to any material supplied after termination of the certification.

Sincerely,

# **Allergen/Sensitive Agents Identification Sheet**



### Product Name: SYLVAMBER

### Vigon Code: 503944

\* A check mark () indicates the Allergen/Sensitive Agent is present. If blank it means that there is no Allergen/Sensitive present.

ALLERGEN/SENSITIVE AGENTS	*
CORN & CORN PRODUCTS	
Includes modified starch, hydrolyzed protein, sweeteners, sugars, spice carriers	
EGG & EGG PRODUCTS	
liquid and powders	
FISH	
Includes any and all species of fresh and salt water fish	
GARLIC	
Dehydrated, powdered, granules, and flakes	
GLUTEN	
Wheat, rye, barley, oats, flour, etc.	
MILK & DAIRY PRODUCTS	
Includes whey, lactose, cheese, casein, spice carriers, milk, cream, etc.	
MONOSODIUM GLUTAMATE	
PEANUTS, PEANUT OIL & PEANUT DERIVED ITEMS	
Peanut meal, flour & ground nuts, szechwan sauce, mandelona nuts, etc.	
SESAME SEEDS & SESAME OIL	
CRUSTACEANS	
Shrimp, lobster, rock lobster, crab, crayfish, and products made from them	
MOLLUSKS	
Clams, mussels, oysters, scallops, and products made from them	
SOY	
Includes soya powder, protein, oil, lecithin, tofu	
SULFITES	
Includes sulfur dioxide, sodium dithionite, chemicals that lists sulfite, etc.	
TREE NUTS	
Includes almonds, beechnuts, bazil nuts, nutmeg, cashews, chestnuts, etc.	
WHEAT	
Includes hydrolyzed wheat protein, flour, gluten flour, starches	
MUSTARD & MUSTARD OIL	
LUPIN	
CELERY	
	L

Vigon International, LLC. follows Good Manufacturing Practices and has implemented HACCP systems. Our personnel are trained on the proper handling of allergenic materials.

Sincerely,

Vigon Regulatory Department regulatory@vigon.com Date of Issue: July 17, 2024

127 Airport Road East Stroudsburg, PA 18301-9629 USA | Tel: +1 570-476-6300 | Fax: +1 570-476-1110 | Email: regulatory@vigon.com | Web: vigon.com



Vigon Code: 503944

Vigon International, LLC. declares that the product listed above is not derived from or produced using genetically modified organisms or their derivatives.

Sincerely,



Vigon Code: 503944

CAS #: 54464-57-2 1-(2,3,8,8-tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl)ethanone 100%

Sincerely,



Vigon Code: 503944

Vigon International, LLC. declares that the product listed above has <u>not</u> been:

- a) Exposed to Ionizing Radiation
- b) Derived from Sewage Sludge
- c) Treated with Ethyl Oxide

Vigon International, LLC. may terminate this statement at any time upon written notice in which this statement shall be null and void as to any material supplied after termination of the statement.

Sincerely,



Vigon Code: 503944

Vigon International, LLC. declares that, to the best of our knowledge and belief, all ingredients in the product listed above are listed as being generally recognized as safe (GRAS) by the Food and Drug administration (FDA) when used in accordance with the FDA's good manufacturing practices (GMP) and contain no residues of heavy metals and pesticides in excess of tolerances set by the FDA and the Environmental Protection Agency (EPA).

Sincerely,



Vigon Code: 503944

Vigon International, LLC. declares that, to the best of our knowledge that the product listed above has not been treated with BHT, BHA, Tocopherols or any other stabilizer.

Vigon International, LLC. may terminate this statement at any time upon written notice in which this statement shall be null and void as to any material supplied after termination of the statement.

Sincerely,



### Vigon Code: 503944

In accordance with the regulations promulgated under the Federal Food, Drug, and Cosmetic Act, Vigon International, LLC. hereby provides continuing guarantee for the item listed above.

The article(s) comprising each shipment or other delivery hereafter made by Vigon International, LLC. is hereby guaranteed, as of the date of shipment or delivery, to be, on such date, not adulterated or misbranded within the meaning of the Federal Food, Drug, and Cosmetic Act, and not an article which may not, under the provisions of section 404, 505, or 512 of the act, be introduced into interstate commerce.

The guarantee herein given shall be a continuing guarantee and shall remain in full force and effect until revoked in writing by the undersigned. This guarantee shall not limit or preclude the operation and effect of any and all provisions of any agreement(s) under which the articles covered by this guarantee are sold, and the provisions of such agreement(s) shall govern in the event of any conflict or inconsistency herewith. Supplier's liability for breach of this guarantee shall in no event exceed the value of such of the articles of the supplier shipped to or on the order of Purchaser hereunder as may fail to comply with this guarantee.

This guarantee shall be void and of no effect in any instance where the particular use by Purchaser of any article to which this guarantee would otherwise apply is a use which is not in accordance with the requirements of the Federal Food, Drug and Cosmetic Act. Any and all prior guarantees and/or indemnity agreements heretofore given by supplier, are hereby revoked.

Sincerely,



### Vigon Code: 503944

### Vigon International, LLC. certifies that the product listed above is suitable for consumption by:

Vegans Do not eat meat, poultry, fish/seafood,eggs,dairy products, honey	
Lacto-Vegetarians Do not eat meat, poultry, fish/seafood, eggs, but do eat dairy products	
<b>Ovo-Vegetarians</b> Do not eat meat, poultry, fish/seafood, dairy products, but do eat eggs	
Vegetarians Do not eat meat, poultry, fish/seafood, but do eat dairy products and eggs	

Sincerely,



Vigon Code: 503944

Vigon International, LLC. is not in the practice of performing or commissioning animal testing on its finished products and actively evaluates the ingredients of its products through non-animal testing methods and through computational (predictive) toxicology programs.

Sincerely,

# Nanomaterials



### Product Name: SYLVAMBER

### Vigon Code: 503944

We hereby confirm, to the best of our knowledge, that the above referenced product has not been formulated with engineered nanomaterials.

"Engineered nanomaterial" means any intentionally producted material that has one or more dimensions of the order of 100 nm or less or that is composed of discrete functional parts, either internally or at the surface, many of which have one or more dimensions of the order of 100 nm or less, including structures, agglomerates or aggregates, which may have a size above the order of 100nm but retain properties that are characteristic of the nanoscale.

Sincerely,

### Vigon Code: 503944

Vigon International, LLC. products are manufactured wholly from synthetic, natural or manufactured materials and do not contain any raw materials produced from or substances derived of animal origin. Moreover, these products do not contain, and are not derived from, specified risk material as defined in Commission Decision 97/534/EC or mechanically recovered meat obtained from the vertebral column of bovine, ovine or caprine animals.

The manufacturing process does not use any ingredient of animal origin nor do our products come in contact with animal products during storage and transportation.

We further declare that our products are Dioxin Free.

Therefore, to the best of our knowledge the product listed above are free from Transmissible Spongiform Encephalopathy (TSE) and Bovine Spongiform Encephalopathy (BSE).

Vigon International, LLC. may terminate this statement at any time upon written notice, in which this statement shall be null and void as to any material supplied after termination of the statement.

Sincerely,



### Vigon Code: 503944

We certify that the above material contains the following restricted substance restricted by IFRA Standards:

1-(2,3,8,8-tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl)ethanone (CAS 54464-57-2) 100%

- is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA 51st amendment), depending on the application and the percentage of use in the final product.

The IFRA Standards regarding use restriction are based on safety assessments by the Panel of Experts of the Research Institute for Fragrance Materials (RIFM) and are enforced by the IFRA Scientific Committee.

It is the ultimate responsibility of our customer to ensure the safety of the final product by further testing if need be.



### Vigon Code: 503944

Country(s) or region	Inventory name Or	On inventory (yes/no)*	
Australia	Australian Inventory of Chemical Substances (AICS)	Yes	
Canada	Domestic Substances List (DSL)	Yes	
China	Inventory of Existing Chemical Substances in Chine (IECSC)	Yes	
Europe	European Inventory of Existing Commercial Chemical Substa (EINECS)	inces Yes	
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes	
Korea	Existing Chemicals List (ECL)	Yes	
New Zealand	New Zealand Inventory	Yes	
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes	
United States & Puerto Rico	Toxic Substances and Control Act (TSCA) Inventory	Yes	

Sincerely,

# **Residual Solvents**



### Product Name: SYLVAMBER

### Vigon Code: 503944

Based on our knowledge of our production process, raw materials and equipments used we do not expect residual solvents to be present.

Sincerely,



### Vigon Code: 503944

The product listed above contains the following substances listen in European Directive 76/768/EEC established by the SCCNFP declared allergens.

Tetramethyl acetyloctahydronaphthalenes (CAS 54464-57-2) 100%

Sincerely,

# **Melamine Statement**



Product Name: SYLVAMBER

Vigon Code: 503944

Based on our knowledge of our production process, raw materials and equipment used we do not expect melamine to be present.

Sincerely,

# **Phthalate Statement**



Product Name: SYLVAMBER

Vigon Code: 503944

We've performed a risk assessment on our product contact plastics which include tubes, joints, caps, pumps, as well as packaging (e.g. plastic wraps and bags) and can confirm that our plastic products do not contain certain phthalate esters (most notably bis-2-Ethylhexyl phthalate[DEHP] and dibutyl phthalate [DBP]).

Sincerely,