

500953 ETHYL LINALYL ACETATE

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1. IDENTIFICATION		
Product Description:	ETHYL LINALYL ACETAT	E
CAS #	61931-80-4	
FEMA Number	N/A	
Other means of identification Vigon Item #	500953	
Recommended use	Concentrated aromatic ingredient which may be used fragrance compounds according to legal and IFRA guidelines.	
Recommended restrictions	For Manufacturing Use Only	
<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: 570-476-630	0	
Web Site: www.vigon.com		
Manufacturer/Importer/Supplier/D Manufacturer	istributor 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.
2. HAZARD(S) IDENTIFICA	ATION	
Physical hazards	Flammable liquids	Category 4

Physical hazards	Flammable liquids	Category 4
Health hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Sensitization, skin	Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 2



SAFETY DATA SHEET 500953 ETHYL LINALYL ACETATE

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Signal word	Warning
Hazard statement	Combustible liquid. Causes skin irritation. Causes skin and eye irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Precautionary statement	
Prevention	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.
Response	IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.
Storage	Store in a well-ventilated place.
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

Label elements

Chemical name	Common name and synonyms	CAS number	%
ETHYL LINALYL ACETATE	3,7-DIMETHYL-1,6-NONADIEN-3-YL ACETATE 1,5- dimethyl-1-vinylhept-4-enyl acetate 1,6-Nonadien-3-ol, 3,7-dimethyl-, 3-acetat e [(6E)-3,7- dimethylnona-1,6-dien-3-yl] acetate	61931-80-4	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.



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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	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. 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 MEASL	IRES
Suitable extinguishing media	Water spray, fog, CO2, dry chemical, or alcohol resistant foam.
Unsuitable extinguishing media	Dependence and interaction of the second states and successful for
	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.
Specific hazards arising from	

Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Specific methods General fire hazards

> 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.

> Static charges generated by emptying package in or near flammable vapor may cause flash fire.



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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. 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.
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/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).	
Appropriate engineering controls	Use explosion-proof ventilation equipment to stay below exposure limits.	
Individual protection measures, su Eye/face protection	ch as personal protective equipment 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 must be provided.	
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.	
General hygiene considerations	When using do not smoke. 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.	



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Refer to Spec Sheet
Physical state	Liquid.
Form	Liquid.
Color	Refer to Spec Sheet
Odor	Characteristic.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	474.8 - 476.6 °F (246 - 247 °C)
Flash point	182.0 °F (83.3 °C) Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explos	sive limits
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.03 mm Hg at 25 °C
Vapor density	7.3
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.
Flammability class	Combustible IIIA estimated
Molecular formula	C13H22O2
Molecular weight	210.32 g/mol
	210.32 g/mol
Oxidizing properties	Not oxidizing.
Specific gravity	0.9 at 25 °C



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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 heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products if stored and handled as indicated.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of ex	<pre>cposure</pre>		
Inhalation	Knowledge about health hazard is incomplete.		
Skin contact	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Causes mild eye irritation.		
Eye contact			
Ingestion	Expected to be a low ingestion	hazard.	
Symptoms related to the physical, chemical and toxicological characteristics	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.		
Information on toxicological effect	cts		
Acute toxicity	Not known.		
Product	Species	Test Results	
ETHYL LINALYL ACETATE (CA	NS 61931-80-4)		
Acute			
Dermal			
LD50	Rabbit	> 5000 mg/kg	
Oral			
LD50	Rat	> 5000 mg/kg	
Skin corrosion/irritation	Causes skin irritation.		
Serious eye damage/eye irritation	Causes serious eye irritation.		
Respiratory or skin sensitization			
Respiratory sensitization	Due to partial or complete lack of data the classification is not possible.		
Skin sensitization	May cause an allergic skin reac	May cause an allergic skin reaction.	
Germ cell mutagenicity	Due to partial or complete lack of data the classification is not possible.		
Carcinogenicity	Due to partial or complete lack	of data the classification is not possible.	
IARC Monographs. Overall	Evaluation of Carcinogenicity		
Not listed.			



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OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)				
Not listed.				
US. National Toxicology Program (NTP) Report on Carcinogens				
Not listed.				
Reproductive toxicity	Due to partial or complete lack of data the classification is not possible.			
Specific target organ toxicity - single exposure	Due to partial or complete lack of data the classification is not possible.			
Specific target organ toxicity - repeated exposure	Due to partial or complete lack of data the classification is not possible.			
Aspiration hazard	Due to partial or complete lack of data the classification is not possible.			
12. ECOLOGICAL INFORMATION				
Ecotoxicity	Toxic to aquatic life with long lasting effects.			
Persistence and degradability	No data is available on the degradability of this substance.			
Bioaccumulative potential	No data available.			
Mobility in soil	No data available.			
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 CONSIDERATIONS				
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			

14. TRANSPORT INFORMATION

disposal.

ADN	
UN number	3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ETHYL LINALYL ACETATE)
Transport hazard class(es)	9
Subsidiary class(es)	-
Packing group	III
Environmental hazards	Yes
Labels required	9
ADR	
UN number	3082

emptied. Empty containers should be taken to an approved waste handling site for recycling or



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Labels required

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	UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ETHYL LINALYL
		ACETATE)
	Transport hazard class(es)	9
	Subsidiary class(es)	-
	Packing group	III
	Environmental hazards	Yes
	Labels required	9
RID)	
	UN number	3082
	UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ETHYL LINALYL ACETATE)
	Transport hazard class(es)	9
	Subsidiary class(es)	-
	Packing Group	III
	Environmental Hazards	Yes
	Labels required	9
	Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
DO	т	
BU	LK	
	UN number	NA1993
	Proper shipping name	COMBUSTIBLE LIQUID, N.O.S. (ETHYL LINALYL ACETATE)
	Hazard class	Combustible liq
	Packing group	
	Environmental hazards	
	Marine pollutant	Yes
	Packaging exceptions	150
	Packaging bulk	241
	Labels required	None
DO	•	
NO	N-BULK	
	Not regulated as dangerous go	oods
ΙΑΙ		
	Not regulated as dangerous go	DOOS.
IM		
	UN number	3082
	UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ETHYL LINALYL ACETATE)
	Transport hazard class(es)	9
	Subsidiary class(es)	-
	Packing group	III
	Environmental hazards	
	Marine pollutant	Yes

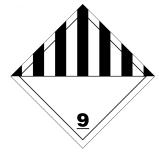


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Transport in bulk according Not applicable. to Annex II of MARPOL 73/78 and the IBC Code

ADN; ADR; IMDG; RID



Marine pollutant



15. REGULATORY INFORMATION

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance Not listed.

SARA 311/312 Hazardous Yes chemical



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Classified hazard categories	Flammable (gases, aerosols, liquids, or solids) Skin corrosion or irritation Serious eye damage or eye irritation Respiratory or skin sensitization
SARA 313 (TRI reporting) Not regulated.	
Other federal regulations	
Clean Air Act (CAA) Section 1 Not regulated.	12 Hazardous Air Pollutants (HAPs) List
Clean Air Act (CAA) Section 1 Not regulated.	12(r) Accidental Release Prevention (40 CFR 68.130)
Safe Drinking Water Act (SDWA)	Not regulated.

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Issue date	11-29-2015
Revision date	06-18-2020
Version #	03
HMIS® ratings	Health: 2 Flammability: 2 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 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, disposal, and should not be considered as a guarantee or quality specification. The above information is based on data provided by and collected from 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
Revision information	This document has undergone significant changes and should be reviewed in its entirety.

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