# **Product Specification**



Product Name: LIME OIL W.I. DISTILLED

Vigon Code: 500214

**CAS Number: MIXTURE** 

FEMA Number: N/A

Characteristic:	Specification:	
Aldehyde%	0.50	2.50
Gas Chromatograph	PASSES TEST	
Optical Rotation (@25c)	34.00	47.00
Odor	CHARACTERIS	TIC LIME AROMA.
Refractive Index (@20c)	1.4740	1.4770
Specific Gravity (@25c)	0.8550	0.8630
Flavor	PASSES TEST	
Color/appearance	A CLEAR, COLO	DRLESS TO GREENISH YELLOW LIQUID.

### Additional Product Information:

Flash Point: 114 °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: January 9, 1997

Printed Date: February 20, 2024

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1. IDENTIFICATION			
Product Description:	LIME OIL W.I. DISTILLED		
CAS #	MIXTURE		
Other means of identification			
Vigon Item #	500214		
Recommended use	Concentrated aromatic and compounds according to leg		hich may be used in flavor and fragrance MA GRAS/FDA guidelines.
Recommended restrictions	For Manufacturing Use Only	/	
<u>Company</u>		24 Hour Emergend	cy Response Information
Vigon International, LLC		INFOTRAC (ACC)	Г <b>#</b> 78928);
127 Airport Road			/ITHIN THE U.S.A.
E. Stroudsburg, PA 18301		1-352-323-3500 O	UTSIDE THE U.S.A.
For information call: 570-476-6300			
Web Site: www.vigon.com			
Manufacturer/Importer/Supplier/Dis	tributor information		
Manufacturer			
Company name	Vigon International, LLC		
Address	127 Airport Road E. Stroudsburg, PA 18301		
Telephone	United States For information call:	570-476-6300	
Website	www.vigon.com	570-470-0300	
E-mail	regulatory@vigon.com		
Emergency phone number	INFOTRAC	(ACCT# 78928);	
	1-800-535-5053	WITHIN THE U.S	S.A.
	1-352-323-3500	OUTSIDE THE L	J.S.A.
2. HAZARD(S) IDENTIFICA	ΓΙΟΝ		
Physical hazards	Flammable liquids		Category 3
Health hazards	Skin corrosion/irritation		Category 2
	Sensitization, skin		Category 1
	Reproductive toxicity		Category 2
	Aspiration hazard		Category 1
Environmental hazards	Hazardous to the aquatic er hazard	nvironment, acute	Category 1
	Hazardous to the aquatic er long-term hazard	nvironment,	Category 1



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Label elements	
Signal word	Danger
Hazard statement	Flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.
Precautionary statement	
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use non-sparking tools. Take action to prevent static discharges. 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 SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: 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. Keep cool. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical name	Common name and synonyms	CAS number	%
LIME OIL		MIXTURE	100
Additional components			
Chemical name	Common name and synonyms	CAS number	%
CARVENE	DIPENTENE (+)-P-MENTHA-1,8-DIENE (R)-(+)-Limonene (R)-4-Isopropenyl-1-methyl-1-cyclohexen e 1- methyl-4-prop-1-en-2-ylcyclohexene	5989-27-5	45 - 55
TERPINENE GAMMA	4-iso propyl-4-methyl-1,4-cyclohexadiene p-Mentha-1,4-diene 1,4-p-Menthadiene 1-METHYL-4-(1-METHYLETHYL)- 1,4-CYCLOHEXADIENE	99-85-4	10 - 14



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Chemical name	Common name and synonyms	CAS number	%
TERPINOLENE	cyclohexene, 1-methyl-4-(1-methylethylidene)- 1-METHYL-4-PROPAN-2-YLIDENE CYCLOHEXENE p- menth-1,4,8-diene P- METH-1-EN-8-YL-FORMATE 4-iso propylidene-1-methyl cylohexene	586-62-9	5 - 11
TERPINEOL ALPHA	2-(4- methyl-1-cyclohex-3-enyl)propan-2-ol dextro,laevo-alpha-terpineol 1-methyl-4-isopropyl-1-cyclohexen-8-ol P-MENTH-1-EN-8-OL	98-55-5	5 - 10
PINENE BETA	7,7-dimethyl-4-methylidenebicyclo[3.1.1] heptane (1)-6,6- dimethyl-2-methylene bicyclo(3.1.1) heptane	127-91-3	2 - 5
CYMENE PARA	1- methyl-4-propan-2-ylbenzene 4-METHYL ISOPROPYL BENZENE Methyl isopropyl benzene DOLCYMENE 4-iso propyl toluene para-methylcumene camphogen	99-87-6	1 - 4
MYRCENE	3-METHYLENE-7-METHYL - 1,6-OCTADIENE 2-METHYL-6-METHYLENE - 2,7-OCTADIENE 7-Methyl-3-methyleneocta-1,6-diene 1,6-Octadiene, 7-methyl-3-methylene-	123-35-3	1 - 3
PINENE ALPHA	dextro,laevo-pin-2(3)-ene 2,6,6 - trimethyl bicyclo-3,1,1-2-heptene 4,7,7- trimethylbicyclo[3.1.1]hept-3-ene	80-56-8	1 - 2
CINEOLE-1,4	1-iso propyl-4-methyl-7-oxabicyclo(2.2.1)hepta ne 4- methyl-1-propan-2-yl-7-oxabicyclo[2.2.1]h eptane 1,4-CINEOLE ISOCINEOLE	470-67-7	0.5 - 2
TERPINENE ALPHA	terpilene p-Mentha-1,3-diene 1- methyl-4-propan-2-ylcyclohexa-1,3-diene 4-iso-propyl-1-methyl-1,3-cyclohexadiene	99-86-5	0.5 - 2



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Additional components			
Chemical name	Common name and synonyms	CAS number	%
BETA-BISABOLEN E	(4R)-1-methyl-4- (6-methylhepta-1,5-dien-2-yl)cyclohexene (1R)- bisabola-4,7(11),10(15)-triene 6- methyl-2-(4-methyl-3-cyclohexen-1-yl)- 1,5-heptadiene	495-61-4	0.2 - 2
BERGAMOTENE	6- methyl-2-methylene-6- (4-methyl-3-pentenyl) bicyclo(3.1.1)heptane 7-methyl-4-methylidene-7- (4-methylpent-3-enyl)bicyclo[3.1.1]heptan e	6895-56-3	0.2 - 1
CAMPHENE	dextro,laevo-camphene 6,6- dimethyl-5-methylidenebicyclo [2.2.1]heptane 2,2-DIMETHYL-3-METHYLENE NORBORNANE 3,3-DIMETHYL-2-METHYLENE NORCAMPHANE	79-92-5	0 - 1
FENCHOL	Bicyclo[2.2.1]heptan-2-ol, 1,3,3-trimethyl- 3,3-Dimethyl-8,9-dinorbornan-2-ol 1,5,5- trimethylbicyclo[2.2.1]heptan-6-ol	1632-73-1	0 - 0.5
PHELLANDRENE ALPHA	2- methyl-5-propan-2-ylcyclohexa-1,3-diene 1,3- cyclohexadiene, 2-methyl-5-(1-methylethyl)- p- mentha-1,5-diene 1- methyl-4-isopropyl-1,5-cyclohexadiene 2- methyl-5-propan-2-ylcyclohexa-1,3-diene	99-83-2	0 - 0.5
4. FIRST-AID MEASURES	3		
Inhalation	If breathing is difficult, remove to fresh air and kee For breathing difficulties, oxygen may be necessa 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 immediat the person is conscious). Do not induce vomiting. so that stomach vomit doesn't enter the lungs.	-	
Most important symptoms/effects, acute and delayed	Aspiration may cause pulmonary edema and pneu temporary irritation. Skin irritation. May cause redr reaction. Dermatitis. Rash.		• •



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Not available. Indication of immediate medical attention and special treatment needed 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. Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire. Specific hazards arising from Fire may produce irritating, corrosive and/or toxic gases. the chemical Special protective equipment Firefighters must use standard protective equipment including flame retardant coat, helmet with and precautions for firefighters face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective 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** 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 equipment/instructions 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 MEASURES

Personal precautions, protective<br/>equipment and emergency<br/>proceduresEliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor.<br/>Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless<br/>wearing appropriate protective clothing. Ventilate closed spaces before entering them.Methods and materials for<br/>containment and cleaning upCollect and dispose of spillage as indicated in section 13 of the SDS.

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.



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**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

US. ACGIH Threshold Limit Values
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Additional components	Туре	Value
PINENE ALPHA (CAS 80-56-8)	TWA	20 ppm
PINENE BETA (CAS 127-91-3)	TWA	20 ppm
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. Adequate ventilation should be provided so that exposure limits are not exceeded.	
Individual protection measures, suc Eye/face protection	<b>ch as personal protective equipment</b> Avoid contact with eyes.	
Skin protection Hand protection	Chemical resistant gloves.	
Other	Use of an impervious apron is recommended. Chemical resistant gloves.	
Respiratory protection	Chemical respirator with organic vapor cartridge and full facepiece.	
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.	
General hygiene considerations	Observe any medical surveillance requirements personal hygiene measures, such as washing a drinking, and/or smoking. Routinely wash work contaminants. Contaminated work clothing sho	clothing and protective equipment to remove

#### 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.



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Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	114.0 °F (45.6 °C) Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explos	ive limits
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
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	Not applicable
Oxidizing properties	Not oxidizing.
Specific gravity	0.86 at 25 °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 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 exposure

Inhalation	No adverse effects due to inhalation are expected.	
Skin contact	Causes skin irritation. May cause an allergic skin reaction.	
Eye contact	Direct contact with eyes may cause temporary irritation.	



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Ingestion	Droplets of the product aspirated into the lungs thro chemical pneumonia.	ough ingestion or vomiting may cause a serious	
Symptoms related to the physical, chemical and toxicological characteristics	Aspiration may cause pulmonary edema and pneumonitis. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.		
Information on toxicological effects	5		
Acute toxicity	May be fatal if swallowed and enters airways.		
Toxicological data			
Additional components	Species	Test Results	
TERPINEOL ALPHA (CAS 98-55-	5)		
Acute			
Dermal			
LD50	Rabbit	> 5000 mg/kg	
Oral			
LD50	Rat	3700 mg/kg	
TERPINOLENE (CAS 586-62-9)			
Acute			
Dermal			
LD50	Rat	> 5 ml/kg	
Oral			
LD50	Rat	4390 mg/kg	
TERPINENE GAMMA (CAS 99-85	i-4)		
Acute			
Oral			
LD50	Rat	3650 mg/kg	
BETA-BISABOLENE (CAS 495-61	-4)		
Acute			
Oral	5.4		
LD50	Rat	> 5000 mg/kg	
CINEOLE-1,4 (CAS 470-67-7)			
Acute			
Dermal	Dabbit	> 5000 mallia	
LD50	Rabbit	> 5000 mg/kg	
Oral	Pat	2100 mg/kg	
	Rat	3100 mg/kg	
PINENE ALPHA (CAS 80-56-8)			
Acute			
<i>Dermal</i> LD50	Rabbit	> 5000 mg/kg	
LDJU	Nabul		



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Additional components	Species	Test Results
ERPINENE ALPHA (CAS 99-8	6-5)	
Acute		
Oral		
LD50	Rat	1680 mg/kg
MYRCENE (CAS 123-35-3)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg
Oral		
LD50	Rat	> 11390 mg/kg
CYMENE PARA (CAS 99-87-6)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg
CARVENE (CAS 5989-27-5)		
Acute		
Oral		
LD50	Rat	4400 mg/kg
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye rritation	Direct contact with eyes may cause temporary irritation.	
Respiratory or skin sensitization		
ACGIH sensitization		
-	d monoterpenes (CAS 127-91-3 d monoterpenes (CAS 80-56-8)	
Respiratory sensitization	Based on available data, th	e classification criteria are not met.
Skin sensitization	May cause an allergic skin	reaction.
Germ cell mutagenicity	Based on available data, th	e classification criteria are not met.
Carcinogenicity	Based on available data, th	e classification criteria are not met.
IARC Monographs. Overall	Evaluation of Carcinogenicity	
CARVENE (CAS 5989- MYRCENE (CAS 123-3	-	3 Not classifiable as to carcinogenicity to humans. 2B Possibly carcinogenic to humans.
Not listed.	u Substances (29 CFR 1910. I	JUI-1055)
	gram (NTP) Report on Carcino	gens
Not listed.		•
Reproductive toxicity	Suspected of damaging fer	tility or the unborn child.
Specific target organ toxicity - single exposure		e classification criteria are not met.



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Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	May be fatal if swallowed and enters airways.

#### **12. ECOLOGICAL INFORMATION**

toxicity	Very toxic	to aquatic life with long lasting effects.	
Additional components		Species	Test Results
CAMPHENE (CAS 79-92	-5)		
Aquatic			
Algae	EC50	Green algae (Desmodesmus subspicatus)	> 1000 mg/l, 72 hours Method: OECI Test Guideline 201
Crustacea	EC50	Daphnia magna	0.72 mg/l, 48 hours Method: OECD 1 Guideline 202
Fish	LC50	Danio rerio	0.72 mg/l, 96 hours Method: OECD 1 Guideline 203
Other	EC50	Activated Sludge	> 1000 mg/l, 3 hours Method: OECD Test Guideline 209
TERPINOLENE (CAS 58	6-62-9)		
Aquatic			
Crustacea	LC50	Daphnia magna	2.55 mg/l, 48 h
Fish	LC50	Pimephales promelas	0.72 mg/l, 96 h
PINENE ALPHA (CAS 80	)-56-8)		
Aquatic			
Crustacea	LC50	Daphnia magna	41 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	0.28 mg/l, 96 hours
CYMENE PARA (CAS 99	9-87-6)		
Other	EC50	Pseudokirchnerella subcapitata	5.8 mg/l, 72 hours
Aquatic			
Fish	LC50	Fish	2 mg/l, 96 hours (Oryzias latipes)
	NOEC	Sheepshead minnow (Cyprinodon variegatus)	10 mg/l, 96 hours
Acute			
Crustacea	LC50	Water flea (Daphnia magna)	>= 4.3 - <= 10 mg/l, 48 hours
Fish	LC50	Sheepshead minnow (Cyprinodon variegatus)	>= 36 - <= 64 mg/l, 96 hours
CARVENE (CAS 5989-27	7-5)		
Aquatic			
Other	EC50	Activated Sludge	3.94 mg/l



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Additional components		Species	Test Results
Acute			
Crustacea	EC50	Water flea (Daphnia pulex)	69.6 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	>= 0.619 - <= 0.796 mg/l, 96 hours
		Rainbow trout,donaldson trout (Oncorhynchus mykiss)	35 mg/l, 4 days
Persistence and degradability	No data is available on the degradability of any ingredients in the mixture.		
Bioaccumulative potential	No data avail	able.	
Mobility in soil	No data avail	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 CONSIDE	RATIONS		
Disposal instructions	into sewers/v used contain	arge into drains, water courses or onto the g vater supplies. Do not contaminate ponds, v er. Dispose of contents/container in accorda l/national/international regulations.	vaterways or ditches with chemical or
Local disposal regulations	Dispose in accordance with all applicable regulations.		
Hazardous waste code	Not established.		
Waste from residues / unused products		ners or liners may retain some product resident of in a safe manner (see: Disposal instruction of in a safe manner (see) bisposal instruction of in a safe manner (see) bisposal instruction of the set of the se	
Contaminated packaging		d containers may retain product residue, fol oty containers should be taken to an approv	-

### **14. TRANSPORT INFORMATION**

ADN

	4	
	UN number	1197
	UN proper shipping name	EXTRACTS, LIQUID (LIME OIL)
	Transport hazard class(es)	3
	Subsidiary class(es)	-
	Packing group	111
	Environmental hazards	Yes
	Labels required	3
ADF	R	
	UN number	1197
	UN proper shipping name	EXTRACTS, LIQUID (LIME OIL)
	Transport hazard class(es)	3
	Subsidiary class(es)	-
	Packing group	III
	Environmental hazards	Yes
	Labels required	3
RID		
	UN number	1197



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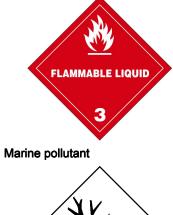
UN proper shipping name Transport hazard class(es) Subsidiary class(es) Packing Group Environmental Hazards Labels required Special precautions for user DOT BULK	EXTRACTS, LIQUID (LIME OIL) 3 - III Yes 3 Read safety instructions, SDS and emergency procedures before handling.
UN number	1197
Proper shipping name	EXTRACTS, FLAVORING, LIQUID (LIME OIL)
Hazard class	3
Packing group	III
Environmental hazards	
Marine pollutant	Yes
Labels required	3
DOT	
NON-BULK	
Not regulated as dangerous g	oods.
ΙΑΤΑ	
UN number	1197
UN proper shipping name	EXTRACTS, LIQUID
Transport hazard class(es)	3
Subsidiary class(es)	-
Packing group Environmental hazards	III No
Labels required	3
IMDG	
UN number	1197
UN proper shipping name	EXTRACTS, LIQUID (LIME OIL)
Transport hazard class(es)	3
Subsidiary class(es)	-
Packing group	III
Environmental hazards	
Marine pollutant	Yes
Labels required	3
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not established. Not applicable.



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#### ADN; ADR; DOT BULK; IATA; IMDG; RID





### **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 Ac	t (TSCA)
TSCA Section 12(b) Exp	ort Notification (40 CFR 707, Subpt. D)
Not regulated.	
CERCLA Hazardous Substar	nce List (40 CFR 302.4)
Not listed.	
SARA 304 Emergency releas	e notification
Not regulated. OSHA Specifically Regulated	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	Flammable (gases, aerosols, liquids, or solids) Skin corrosion or irritation Respiratory or skin sensitization Reproductive toxicity Aspiration hazard
SARA 313 (TRI reporting) Not regulated.	



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#### 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 Not regulated. (SDWA)

#### US state regulations

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a)) MYRCENE (CAS 123-35-3)

#### **California Proposition 65**

California Proposition 65 - CRT: Listed date/Carcinogenic substance

MYRCENE (CAS 123-35-3)

Listed: March 27, 2015

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

Issue date Revision date Version # HMIS® ratings	05-26-2017 01-30-2023 05 Health: 2* Flammability: 2 Physical hazard: 0
Disclaimer	Vigon International, LLC 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 has not been evaluated for safe use in e-cigarettes or any vaping application where the 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 to assess its' safety in the final application. 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 and safe handling procedures should be provided to all handlers and users, taking into account the intended use and the



# 500214 LIME OIL W.I. DISTILLED

Revision Date: 01-30-2023 Version # 05 Page 15 of 15 Print Date: 01-30-2023

**Revision information** 

HAZARD(S) IDENTIFICATION: Disposal HAZARD(S) IDENTIFICATION: Prevention HAZARD(S) IDENTIFICATION: Response Physical & Chemical Properties: Multiple Properties Transport Information: Material Transportation Information





Rabbi Avram Ossey Rabbinic Administrator To verify or for the most up to date certificate please go to www.koshercertificate.com 201 The Plaza, Teaneck, NJ 07666 | Phone 201.837.0500 | fax 201.837.0126



Disclaimer: This certificate is the private property of KOF-K Kosher Supervision and cannot be reposted without the express permission of KOF-K Kosher Supervision. Page 1 of 1



This is to certify that the following product(s) have been produced under the supervision of the Islamic Food and Nutrition Council of America(IFANCA). The production facility as well as component ingredients have been reviewed and approved. The product(s) are in compliance with the halal requirements under Islamic laws.

Date: November 21, 2023 Document #: 6718.12506.II233421

Company Name & Address:	Vigon International, LLO	2 127 Airport Road East Stroudsburg, Penn	sylvania 18301 USA				
Plant Name & Address:	Vigon International, LLC 127 Airport Road East Stroudsburg, Pennsylvania 18301 USA						
ProductName		Product Code	Halal-ID	Product Certificate #			
1. LIME OIL W.I. DISTILLED		500214	A59755	HC-23VIIH14			
Alala mand Munir Chaulm Muhammad Munir Chaudry, Ph.D. President	NUTRITION ORPORT	This Certificate is valid until <b>January 31</b> , 2004 Miner Street • Des Plaines, Illinois 60		MEMBER Page 1 of 1			



Vigon Code: 500214

FEMA #: N/A

Vigon International, LLC. certifies that the above flavor or ingredient is Food Grade in accordance with at least one of the following recognized organizations:

FDA/FEMA GRAS	(Flavor and Extract Manufacturers Assoc. Generally Recognized as Safe)
JECFA	(Joint FAO/WHO Expert Committee on Food Additives)
CoE	(Council of Europe)
FLAVIS	(Assigned by EFSA – European Food Safety Authority)

As a US based company, we have included the FEMA Number on this certificate however, the remaining numbers can be provided upon request. We hereby certify that this flavor or ingredient is safe for its intended use in food.

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

Sincerely,



Vigon Code: 500214

Vigon International, LLC. certifies that the product listed above is declared *natural* and <u>meets</u> the criteria of Naturalness as defined in Section 101.22 (a) (3) of Title 21 of the United States Code of Federal Regulations.

Vigon International, LLC. certifies that the product meets the following criteria:

- Does not contain any artificial flavors
- Is not adulterated or misbranded according to Food and Drug laws

Vigon International, LLC. 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,



#### Vigon Code: 500214

\* 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	

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

Sincerely,

# **Organic Statement**



Product Name: LIME OIL W.I. DISTILLED

Vigon Code: 500214

Vigon International, LLC. declares that the product listed above meets the requirements for nonagricultural (non-organic) substances allowed as ingredients in or on processed products labeled as "organic" or "made with organic (specified ingredients or food group(s))" [7 CFR 205.605(a)(9)].

All of the <u>flavor</u> constituents in the natural flavor product named above meet the <u>FDA definition of a natural flavor</u>.

No synthetic solvents were used.

This natural flavor product, including any solvents, carriers, preservatives or other processing aids used or contained therein, was produced and handled <u>without</u> the use of excluded (GMO) methods.

Ionizing radiation as described in 21 CFR 179.26 was <u>not</u> used in the processing of this natural flavor product.

This natural flavor product was <u>not</u> derived from products using sewage sludge in their agricultural production.

Sincerely,

Vigon Regulatory Department regulatory@vigon.com Date of Issue: February 20, 2024

Vigon International, LLC.

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

### **GMO Status Statement**



Product Name: LIME OIL W.I. DISTILLED

Vigon Code: 500214

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

Sincerely,

## **Nutritional Statement**



Product Name: LIME OIL W.I. DISTILLED

Vigon Code: 500214

Vigon International, LLC. certifies that, to the best of our knowledge, the product listed above does not contribute to the nutritional value of flavors due to their extremely low usage levels and therefore falls under the nutritional labeling exemption defined in Section 101.9(a) and (j) of Title 21 of the Code of Federal Regulations.

Sincerely,

# Irradiation and Sewage Sludge Statement



Product Name: LIME OIL W.I. DISTILLED

Vigon Code: 500214

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: 500214

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,

### **Stabilizer Statement**



Product Name: LIME OIL W.I. DISTILLED

Vigon Code: 500214

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: 500214

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: 500214

### 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,

## **Animal Testing Statement**



Product Name: LIME OIL W.I. DISTILLED

Vigon Code: 500214

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,

### **EU Declaration**



### Vigon Code: 500214 Product Name: LIME OIL W.I. DISTILLED

The product listed above is acceptable and/or approved for use in the European Union. Below is the flavoring status based on European Regulation 2008/1334/EC.

	Flavouring Preparation
	Natural Flavouring Substance
	Flavouring Substance
	Thermal Process Flavouring
	Smoke Flavouring
	Flavour Precursor
~	Other Flavouring
	Not Applicable: Contains no ingredients whose use is intended primarily for flavour.
	Not Permitted: Contains ingredient(s) which are not permitted in flavours in the EU.

Sincerely,

Vigon Regulatory Department regulatory@vigon.com Date of Issue: February 20, 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



#### NATURAL FLAVOR PRODUCT QUESTIONNAIRE - NATIONAL ORGANIC PROGRAM USE

The **USDA National Organic Program** (**NOP**) allows the use of certain natural (non-synthetic) substances, including flavors, in products labeled as "Organic" or "Made with Organic...(specified ingredients or food groups)" providing they comply with provisions established in the USDA NOP (7 *CFR Part 205*).

The NOP defines **Non-synthetic** (natural) in 7 CFR 205.2: a substance that is derived from mineral, plant or animal matter and does not undergo a synthetic process as defined in section 6502 (21) of the Act (7 U.S.C. 6502(21)). Under the terms of the Act, "**synthetic**" means a substance that is formulated or manufactured by a chemical process or by a process that chemically changes a substance extracted from naturally occurring plant, animal or mineral sources, except that such term shall not apply to substances created by naturally occurring biological processes.

Non-synthetic Flavors authorized under the NOP, Section 205.605 (a)(9) must be from non-synthetic sources only and must not be produced using synthetic solvents, carrier systems or any artificial preservative. In addition, Sections 205.105 (e)(f) respectively prohibit so-called "excluded" methods (GMOs) and ionizing radiation from being used to produce or during the handling of any ingredients or products under the NOP.

**FDA Definition of Natural Flavors** *FDA 21 CFR Part 101.22(a)(3)*: "...**natural flavor** or **natural flavoring** means the essential oil, oleoresin, essence or extractive, protein hydrolysate, distillate, or any product of roasting, heating or enzymolysis, which contains the flavoring constituents derived from a spice, fruit or fruit juice, vegetable or vegetable juice, edible yeast, herb, bark, bud, root, leaf or similar plant material, meat, seafood, poultry, eggs, dairy products, or fermentation products thereof, whose significant function in food is flavoring rather than nutritional. Natural flavors include [*but not exclusively*] the natural essences or extractives obtained from plants listed in §§182.10, 182.20, 182.40, and 182.50 and part 184 of this chapter, and the substances listed in §172.510 of this chapter."

In order to approve the use of a natural flavor used in an "organic" or "made with" product, QAI requests the information below in order to determine compliance under the terms of the NOP. <u>QAI may request additional information as needed.</u>

Identification of Natural Flavor Product (Name/code): LIME OIL W.I. DISTILLED/500214

Supplier Name and Address: Vigon International, LLC. 127 Airport Road East Stroudsburg, PA 18301 USA

Type of flavor (select one or more as necessary):

Protein Hydrolysate	Extracts		Essential oil
Compounded flavor	Oleoresin		Isolate
Distillate	Compounded WONF	X	Other

#### Natural Flavor Product

#### A. Flavor constituents

1. Do all of the <u>flavor</u> constituents in the natural flavor product named above meet the <u>FDA definition of a natural flavor (see above)</u>?

X Yes No

2. Natural flavors authorized for use in NOP "organic" or "made with organic" products, <u>in addition</u>, must not be produced using synthetic extraction solvents. Extraction may only use natural, non-petroleum based solvents. Is/are the natural flavor constituent(s) made using NOP-suitable extraction solvents?\*
 Yes
 No
 N/A, no extraction solvents used

#### AESOP 9603; ISSUE 1; STATUS-PUBLISHED; EFFECTIVE 19 JUN 2009; AUTHORITY JACLYN M. BOWEN1 of 2

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Please list any solvent(s) used in the production of this Natural Flavor Product: > NONE

\*Allowed natural extraction solvents include water, natural ethanol, super-critical carbon dioxide, authentic essential oil, and natural vegetable oils. No hydrocarbon solvents, or chlorinated, or halogenated solvents may be used. Propane, hexane, and freon are examples of solvents that are prohibited.

#### **B.** Non-flavor constituents and other ingredients

Natural flavors authorized for use in NOP "organic" or "made with organic" products must not contain any synthetic carrier systems or any artificial preservatives, including but not limited to, propylene glycol, polyglycerol esters of fatty acids, mono- and di-glycerides, benzoic acid, polysorbate 80.

> Please list any carrier system(s) used in this Natural Flavor Product or attach an Ingredient Statement:

_ 2	N/A,	no	carrier	system(s)	used
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Please list any preservative(s) used in this Natural Flavor Product or attach an Ingredient Statement:

**X**N/A, no preservative(s) used

C. Genetically Modified Organism (GMO) products may not be used at any stage in the process of making natural flavor products for NOP goods. Excluded methods (= GMO use) include a variety of methods used to genetically modify organisms or influence their growth and development by means that are not possible under natural conditions or processes and are not considered compatible with organic production. Such methods include, but are not limited to, recombinant DNA technology (including gene deletion, gene doubling, introduction of a foreign gene, and changing the positions of genes when achieved by recombinant DNA technology); therefore, GMO-plant extracts may not be used nor may natural flavors be the product of GMO-yeast fermentation.

- > This natural flavor product, including any solvents, carriers, preservatives or other processing aids used or contained therein, was produced and handled without the use of excluded (GMO) methods? X Yes No
- **D.** Ionizing Radiation is prohibited for all uses involving food preservation, pest control and pathogen control in NOP products. Other radiation uses, including food inspection, are permitted providing such use meets applicable FDA regulations, which establish limitations applicable to all (organic and non-organic) food products.
  - > Ionizing radiation as described in 21 CFR 179.26 was **not** used in the processing of this natural flavor product? X Yes No

Please sign this questionnaire below

Pursuant to 7CFR §205.605(a)(9) and §205.105(e)(f), I, on behalf of the supplier, hereby attest that the information provided in this form is accurate and truthful to the best of my knowledge.

Company Name: Vigon International LLC.

Printed Name: Amanda Moyer Title: Manager of Regulatory

Signature: <u>Amancla Muyur</u> Date: 02/20/24

AESOP 9603; ISSUE 1; STATUS-PUBLISHED; EFFECTIVE 19 JUN 2009; AUTHORITY JACLYN M. BOWENPage 2 of 2

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### Nanomaterials



### Product Name: LIME OIL W.I. DISTILLED

### Vigon Code: 500214

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: 500214

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,

## **International Inventories**



### Product Name: LIME OIL W.I. DISTILLED

### Vigon Code: 500214

Country(s) or region	Inventory name C	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 Subst (EINECS)	ances 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)	s Yes	
United States & Puerto Rico	Toxic Substances and Control Act (TSCA) Inventory	Yes	

Sincerely,

## **Residual Solvents**

azelis VIGON

Product Name: LIME OIL W.I. DISTILLED

### Vigon Code: 500214

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: 500214

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

Citral (CAS 5392-40-5) 0.42% Limonene (CAS 138-86-3) 50.64% Linalool (CAS 78-70-6) 0.62%

Sincerely,

## **Melamine Statement**



Product Name: LIME OIL W.I. DISTILLED

Vigon Code: 500214

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

Sincerely,

### **Phthalate Statement**

• azelis VIGON

Product Name: LIME OIL W.I. DISTILLED

Vigon Code: 500214

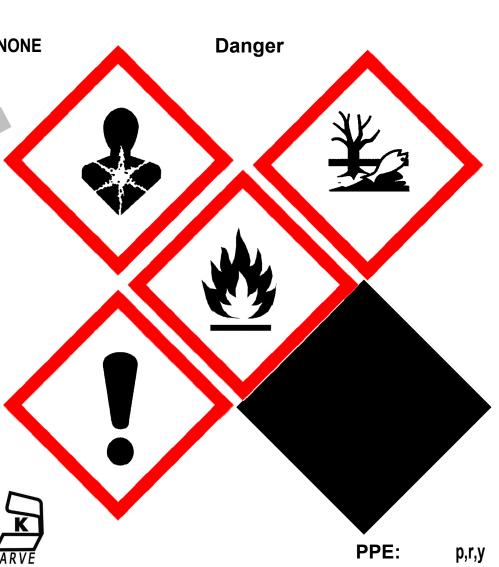
We've performed a risk assessment on our product contact plastics which include tubes, joints, caps, pumps, as well as packaging (e.g. plastic wraps and bags) and can confirm that our plastic products do not contain certain phthalate esters (most notably bis-2-Ethylhexyl phthalate[DEHP] and dibutyl phthalate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

Sincerely,

Vigon International, LLC. 127 Airport Road East Stroudsburg, PA 18301-9629 USA +1.570.476.6300   sales@vigon.com	Country of Origin:	USA
PASSION FOR SIMPLICITY +1.570.476.6300   sales@vigon.com	Chemical Name:	LIME OIL
	CAS#:	MIXTURE
LIME OIL W.I. DISTILLED	Flash Point: 1	14°F (46°C)
	Allergens:	NONE
Code: 500214 ID #: EXAMPLE	Liters:	0.000
KG         LB           Approx. Gross:         0.000         0.000	Produced on:	N/A
Approx. Tare:	Best used before:	N/A
Net:	Lot #:	EXAMPLE
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.	<b>.</b>	

INSTRUCTIONS FOR USE: Ask your employer for guidance regarding the safe use and handling of this product in your specific workplace environment based on the information provided in Vigon's Safety Data Sheet (SDS).

HAZARD STATEMENT: Flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.PRECAUTIONARY STATEMENT: - PREVENTION- Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use non-sparking tools. Take action to prevent static discharges. 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 SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: 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. Keep cool. Store locked up.-DISPOSAL- Dispose of contents/container in accordance with local/regional/national/international regulations.



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