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# KEY LIME FLAVOR EXTRACT - TTB, ALCOHOL-FREE

## SAFETY DATA SHEET

### Section 1 PRODUCT AND COMPANY IDENTIFICATION

**Supplier:** OliveNation LLC  
13 Robbie Road #A4, Avon, MA 02322  
617-580-3667

**Product:** Key Lime Extract - TTB  
**Code:** inv-AAHU

### Section 2 HAZARDS IDENTIFICATION

**Classification:** (GHS-US)

Text of H-phrases: see section 16

Signal word (GHS-US)

Warning

Precautionary statements (GHS-US)

P210 – Keep away from heat, sparks – no smoking  
P233 – Keep container tightly closed  
P240 – Ground/bond container and receiving equipment  
P241 – Use explosion-proof ventilating equipment  
P242 – Use only non-sparking tools  
P243 – Take precautionary measures against static discharge  
P280 – Wear eye protection, protective gloves  
P303+P361+P353 – If on skin (or hair): Take off all contaminated clothing immediately. Rinse skin with water/shower.  
P370+P378 – In case of fire: Use ABC-powder to extinguish  
P403+P235 – Store in a well-ventilated place. Keep cool  
P501 – Dispose of contents/container to an authorized waste collection point

**Other Hazards**

No additional information available

**Unknown acute toxicity (GHS US)**

Not applicable

### Section 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Substance:** Not applicable



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### Section 4 FIRST AID MEASURES

After inhalation: Remove person to fresh air and keep comfortable for breathing  
After skin contact: Rinse skin with water/shower. Remove/take off all contaminated clothing immediately  
After eye contact: Rinse eyes with water as a precaution

**Most important symptoms and effects, both acute and delayed** No additional information available

**Indication of any immediate medical attention and special treatment needed** Treat symptomatically

### Section 5 FIREFIGHTING MEASURES

#### Extinguishing media

Suitable extinguishing media: Water spray, dry powder, foam, carbon dioxide

#### Advice for firefighters

Protection during firefighting: Do not attempt to act without suitable protective equipment, self-contained breathing apparatus. Complete protective clothing

### Section 6 ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

##### For non-emergency personnel Emergency procedures

Ventilate spillage area. NO open flames, NO sparks and NO smoking

##### For emergency responders Protective equipment

Do not attempt to act without suitable protective equipment. For further information refer to section 8 Exposure controls/personal protection

#### Environmental Precautions

Avoid release to the environment

#### Methods and material for containment and cleaning up

##### Methods for cleaning up

Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

##### Other information

Dispose of materials or solid residues at an authorized site.

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### Section 7 HANDLING AND STORAGE

**Precautions for safe handling**

Ensure good ventilation of the workstation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Use explosion-proof equipment. Wear personal protective equipment.

**Hygiene Measures**

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

**Conditions for safe storage, including any incompatibilities**

**Technical measures**

Ground/bond container and receiving equipment

**Storage conditions**

Store in a well-ventilated place. Keep cool. Keep container tightly closed

**Specific end use**

No additional information available

### Section 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters:**

ACGIH – Not applicable

OSHA – Not applicable

**Exposure Controls:**

Appropriate engineering controls:

Ensure good ventilation of the workstation

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls:

Avoid release to the environment

### Section 9 PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties:**

**Physical state:**

Liquid

**Color:**

Light to medium yellow

**Odor:**

Characteristic of lime

**Odor Threshold:**

No data available

**pH:**

No data available

**Melting point:**

Not applicable

**Freezing point:**

No data available

**Boiling point:**

> 95 °F

**Flash point:**

74 °F

**Relative evaporation rate:**

No data available

**Flammability (solid, gas):**

No data available

**Explosion limits:**

No data available

**Explosive properties:**

No data available

**Oxidizing properties:**

No data available



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<b>Vapor pressure:</b>	No data available	<b>Relative Density:</b>	No data available
<b>Relative vapor density @ 20°:</b>	No data available	<b>Specific gravity/density:</b>	0.906 – 0.966
<b>Solubility:</b>	Soluble in water	<b>Log Pow:</b>	No data available
<b>Log Kow:</b>	No data available	<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available	<b>Viscosity:</b>	No data available
<b>Viscosity, kinematic:</b>	No data available	<b>Viscosity, dynamic:</b>	No data available
<b>Other information:</b>	No additional information available		

### Section 10 STABILITY AND REACTIVITY

<b>Reactivity</b>	No information available
<b>Chemical Stability</b>	Stable under normal conditions
<b>Possibility of hazardous reactions</b>	No dangerous reactions known under normal conditions of use
<b>Conditions to avoid</b>	Avoid contact with hot surfaces, heat, no flames, no sparks, eliminate all sources of ignition
<b>Incompatible materials</b>	No additional information available
<b>Hazardous decomposition products</b>	No additional information available

### Section 11 TOXICOLOGICAL INFORMATION

#### Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity	Not classified (single exposure)
Specific target organ toxicity	Not classified (repeated exposure)
Aspiration hazard	Not classified

### Section 12 ECOLOGICAL INFORMATION

<b>Ecology – general</b>	This product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment
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**Other adverse effects** Effect on global warming: No known ecological damage caused by this product

## Section 13 DISPOSAL CONSIDERATIONS

**Waste treatment methods** Vapors may accumulate in the container

## Section 14 TRANSPORT INFORMATION

<b>Department of Transportation (DOT)</b>	In accordance with DOT.
<b>Transport document description</b>	UN1197 Extracts, flavoring, liquid, 3 III
<b>UN-No. (DOT)</b>	1197
<b>Proper Shipping Name (DOT)</b>	Extracts, flavoring, liquid
<b>Packing group (DOT)</b>	III – Minor danger
<b>DOT Packaging Non-Bulk (49 CFR 173.xxx)</b>	203
<b>DOT Packaging Bulk (49 CFR 173.xxx)</b>	242
<b>DOT Special Provision (49 CFR 172.102)</b>	B1 – If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this sub-chapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this sub-chapter are applicable.  IB3 – Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).  T2 – 1.5 178.274 (d)(2) Normal ..... 178.275(d)(3) TP1 – The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport and tf is the temperature in degrees Celsius of the liquid during filling.
<b>DOT Packaging Exceptions (49 CFR 173.xxx)</b>	150
<b>DOT Quantity Limitations Passenger aircraft/ rail (49 CFR 173.27)</b>	60 L
<b>DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)</b>	<b>220 L</b>

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**DOT Vessel Stowage Location** A – The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel

**Additional information:** No supplementary information available

**ADR** No additional information available

### Transport by sea

**UN-No. (IMDG)** 1197  
**Proper Shipping Name (IMDG)** Extracts, flavoring, liquid  
**Packing group (IMDG)** III – substances presenting low danger

### Air Transport

**UN-No. (IATA)** 1197  
**Proper Shipping Name (IATA)** Extracts, flavoring, liquid  
**Packing Group (IATA)** III – Minor danger

## Section 15 REGULATORY INFORMATION

**U.S. Federal Regulations** No additional information available

**International Regulations** **CANADA** - - No additional information available

**EU-Regulations** No additional information available

**Classification according to Regulation (EC) No. 1272/2008 [CLP]** No additional information

**Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]** Not classified

## Section 16 OTHER INFORMATION

Text of H-phrases:

Carc. 1A  
H350

Carcinogenicity Category 1A  
May cause cancer



OliveNation LLC

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## **KEY LIME FLAVOR EXTRACT - TTB, ALCOHOL-FREE**

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