



SOUR GREEN APPLE FLAVOR - TTB, NATURAL AAHV

SAFETY DATA SHEET

Section 1 PRODUCT AND COMPANY IDENTIFICATION

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

Product: Sour Green Apple Flavor Extract - TTB, Naural
Sku: AAHV

Section 2 HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation
Flammable liquids

Category 2A
Category 3

GHS Label elements, including precautionary statements

Hazard Statements: Causes serious eye irritation, Flammable liquid and vapor
Appearance: Colorless
Physical State: @ 20 °C Liquid
Odor: Characteristic



Precautionary Statements – Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Keep away from heat/sparks/open flames/hot surfaces – No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof electrical/ventilating/lighting/ ? /equipment
Use only non-sparking tools
Take precautionary measures against static discharge
In case of fire: Use CO₂, dry chemical or foam for extinction

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Precautionary Statements – Storage	Store in well-ventilated place. Keep cool
Precautionary Statements – Disposal	Dispose of contents/container to approved waste disposal plant
Hazards not otherwise classified (HNOC)	N/A
Other information	Unknown Acute Toxicity: 0% of the mixture consists of ingredient(s) of unknown toxicity

Section 3 FIRST AID MEASURES

First aid measures for different exposure routes

General Advice	Immediate medical attention is required. Show this Safety Data Sheet to the doctor in attendance. If symptoms persist, call a physician
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep very wide open while rinsing.
Skin Contact	Wash off immediately with plenty of water. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician
Inhalation	Move to fresh air. If symptoms persist, call a physician. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors.
Ingestion	Immediate medical attention is not required. Rinse mouth, drink plenty of water. Do not induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.

Protection of first-aiders: Removal all sources of ignition. Use personal protective equipment

Most important symptoms/effects, acute and delayed

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician Treat symptomatically

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Section 4 FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	Decomposition by contact with water may generate vapors which can be ignited by heat or open flame.
Specific hazards arising from the chemical	Flammable
Explosion Data	Sensitivity to Mechanical Impact – none Sensitivity to Static Discharge - yes

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand. MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 5 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Keep people away from and upwind of spill/leak
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system
Methods and material for containment Methods for clean-up	Prevent further leakage or spillage if safe to do so Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Section 6 HANDLING AND STORAGE

Precautions for safe handling	Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only in area containing flame proof equipment. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment. Do not breathe vapors or spray mist.
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Conditions for safe storage, including any incompatibilities

Technical measures/Storage Conditions Keep tightly closed in a dry, cool place. Keep in properly labeled containers. Keep containers in a cool, well-ventilated place. Keep away from heat and sources of ignition

Incompatible products None known based on information supplied

Section 7 EXPOSURE CONTROLS/PERSONAL PROTECTIONS

Exposure Guidelines: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Exposure Controls Engineering Measures: Showers, Eyewash Stations, Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face Protection Tightly fitting safety goggles. Face-shield
Skin and body protection Chemical resistant apron
Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

Section 8 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State @ 20 °C:	Liquid	Appearance:	Colorless
Odor:	Characteristic of apple	Odor Threshold:	No information
pH:	No information	Melting Point/Range:	No information
Initial Boiling Point:	No information	Boiling Point/Range:	410 °F / 210 °C
Flash Point:	86 °F / 30 °C	Freezing Point:	No information
Evaporation rate VALUE:	No information		
Flammable Properties:	Flammable, may be ignited by heat, sparks or flame		
Flammable Limits in Air:	No information	Explosive Properties:	No information
Oxidizing Properties:	No information	Vapor Density:	No information

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Vapor Press. @ 20 °C (mmHg):	No information	Specific Gravity:	0.8560
Water Solubility:	Slightly soluble	Solubility:	No information
Partition coefficient:	No information	Auto-ignition temp:	No information
Decomposition temperature:	No information	Viscosity, dynamic:	No information
Molecular weight:	No information	VOC Content:	No information

Section 9 STABILITY AND REACTIVITY

Reactivity	Exothermic reaction
Chemical Stability	Stable under recommended storage conditions
Possibility of Hazardous Reactions	None under normal processing
Conditions to Avoid	Heat, flames and sparks
Incompatible Materials	None known based on information supplied
Hazardous Decomposition Products	None known based on information supplied

Section 10 TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known information
Inhalation	There is no data available for this product
Eye contact	There is no data available for this product
Skin contact	There is no data available for this product
Ingestions	There is no data available for this product

Information on toxicological effects

Symptoms	No information available
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available
Mutagenic effects	No information available
Reproductive toxicity	No information available
Specific target organ systemic toxicity	No information available (single exposure)
Specific target organ systemic toxicity	No information available (repeated exposure)



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Chronic Toxicity Avoid repeated exposure. May cause adverse liver effects. Contains a known or suspected reproductive toxin.

Target Organ Effects Blood, reproductive system, central nervous system (CNS), eyes, respiratory system, liver, skin

Aspiration hazard No information available

Numerical measures of toxicity – Product Information

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

Section 11 ECOLOGICAL INFORMATION

Ecotoxicity 82.304% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence/Degradability No information available

Bioaccumulation No information available

Other adverse effects No information available

Section 12 DISPOSAL CONSIDERATIONS

Waste Disposal Methods This material as supplied, is a hazardous waste according to federal regulations (40 CFR 261)

Contaminated Packaging Do not re-use empty containers

US EPA Waste Number D001

Section 13 TRANSPORT INFORMATION

DOT – BULK PACKAGING

UN Number 1197

Proper Shipping Name Extracts, flavoring liquid

Hazard Classification 3

Packing Group III

Reportable Quantity (RQ) Please refer to Appendix A to 49CFR 172.101 – List of Hazardous Substances and Reportable Quantities

DOT – NON BULK PACKAGING

UN Number 1197

Proper Shipping name Extracts, flavoring liquid

Hazard Classification 3

Packing Group III

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Reportable Quantity (RQ) Please refer to Appendix A to 40CFR 172.101 – List of Hazardous Substances and Reportable Quantities

IMDG/IMO

UN Number 1197
Proper Shipping name Extracts, flavoring liquid
Hazard Classification 3
Packaging Group III
Reportable Quantity (RQ) Please refer to Appendix A to 49CFR 172.101 – List of Hazardous Substances and Reportable Quantities

MEX (SCT)

UN Number 1197
Proper Shipping name Extracts, flavoring liquid
Hazard Classification 3
Packing Group III
Reportable Quantity (RQ) Please refer to Appendix A to 40CFR 172.101 – List of Hazardous Substances and Reportable Quantities

ICAO/IATA

UN Number 1197
Proper Shipping name Extracts, flavoring liquid
Hazard Classification 3
Packing Group III
Reportable Quantity (RQ) Please refer to Appendix A to 40CFR 172.101 – List of Hazardous Substances and Reportable Quantities

TDG

UN Number 1197
Proper Shipping name Extracts, flavoring liquid
Hazard Classification 3
Packing Group III
Reportable Quantity (RQ) Please refer to Appendix A to 40CFR 172.101 – List of Hazardous Substances and Reportable Quantities

RID

UN Number 1197
Proper Shipping name Extracts, flavoring liquid
Hazard Classification 3
Packing Group III

ADR/RID

UN Number 1197
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Section 14 REGULATORY INFORMATION

International Inventories

TSCA	- - -
DSL/NDSL	Not Determined
EINECS/ELINCS	Complies
ENCS	Not Determined
IECSC	Complies
KECL	Not Determined
PICCS	Complies
AICS	Complies

Legend:

TSCA – Unites States Toxic Substances Control Act Section 8(B) Inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS – European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS – Japan Existing and New Chemical Substances

IECSC – China Inventory of Existing Chemical Substances

KECL – Korean Existing and Evaluated Chemical Substances

PICCS – Philippines Inventory of Chemicals and Chemical Substances

AICS – Australian Inventory of Chemical Substances

USA Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

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Section 15 OTHER INFORMATION

NFPA	Health Hazard	2	Flammability	3	Instability	0	Physical/chemical hazards
HMS	Health Hazard	2	Flammability	3	Physical Hazard	0	Personal protection - X

DISCLAIMER

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