

OleoFlex EG 200

Safety Data Sheet

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Chemical Type	Mixture
Trade Name	OleoFlex EG 200

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

1.2.1 Relevant Identified Uses

Major use category	Personal care, cosmetic and toiletry, toy, agriculture
Use of the Substance/Mixture	Film former, replacement for PJ, oil gallant, texture agent

1.2.2 Uses Advised Against

No additional Information available.

1.3. Details of the Supplier of the Material Safety Data Sheet

For Product, safety, and pricing Information, please contact Applechem or your local distributors/agents

Applechem, Inc.

2 Cranberry Road, Unit A4

Parsippany-Troy Hills, NJ 07054, USA

(O) 862-210- 8344 (F) 862-210-8336. sales@applechem.com website: www.applechem.com

1.4. Emergency Telephone Number for chemical incident

The following phone # is ONLY for Chemical Emergency – Spill, Leak, Fire, Exposure, or Accident.

***phone # must be dialed within the country**

<u>Country</u>	<u>Emergency phone #</u>	<u>Language</u>
United States and Canada*	1-800-424-9300	English
Outside of US and Canada	+1-703-527-3887	English
<u>Europe</u>		
France	+33-975181407	French
Germany*	0800-181-7059	German
Italy*	800-789-767	Italian
Italy (Milan)	+39-0245557031	Italian
Poland (Warsaw)	+48-223988029	Polish
Spain*	900-868538	European Spanish
UK (London)	+44-870-8200418	English
<u>Asia</u>		
S. Korea*	00-308-12--2549	Korean
Taiwan*	00801-14-8954	Mandarin
People's Republic of China*	4001-204937	Mandarin

SECTION 2: Hazards Identification

2.1. Classification of the Substance or Mixture

2.1.1 Classification According to GHS and Regulation (EC) number – 1272/2008 (CLP)

Not Classified

No hazard symbol, No hazard statement; No precautionary statement

2.1.2 Classification According to Directive 67/548/EEC or 1999/45/EC

Not Classified

2.1.3 Adverse Physicochemical, Human health and Environmental Effects

Eye Contact: May cause slight eye irritating

Skin Contact: Brief contact is essentially nonirritating to skin. Prolonged contact may cause slight skin irritation with local redness. Repeated contact may cause light skin irritation with local redness

Skin Absorption: Prolonged skin contact is unlikely to result in absorption of harmful amounts

Inhalation: At room temperature, exposure to vapor is minimal due to low volatility.

Ingestion: Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal operation are not likely to cause injury; However, swallowing a large amount may cause injury. Swallowing may result in gastrointestinal irritation

Environment: not expected to have any negative effect to the aquatic life.

2.2.1 Labeling According to GHS and Regulation (EC) Number 1272/2008 (CLP)

Not Classified

Hazard Statement

None

Precautionary Statements

None

Additional Advise

None

GHS Product Identifier

NatureVgel EG 200

2.3. Other Hazards

No data available

SECTION 3: Composition and Information on Ingredients

3.1. Substances

Not Applicable

3.2. Mixtures

This product is a proprietary mixture with INCI name: Helianthus Annuus (sunflower) seed oil (and) Caprylic/Capric Triglyceride (and) Styrene/Butadiene Copolymer.

There are no ingredients which, with the best knowledge of the supplier and in the concentration applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or haven been assigned a workplace exposure limit and hence require reporting in this section

SECTION 4: First Aid Measures

4.1. Description of First Aid Measures

General	If potential for exposure exists refer to Section 8 for specific personal protective equipment
Inhalation	Move person to fresh air; Obtain medical service if ill effects occur.
Skin contact	Remove contaminated clothing, and wash with water and soap. If irritation persists, consult medical service
Eye contact	Irrigate with eyewash solution or clean water. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. Hold the eyelids apart and flush for at least 10 minutes. Consult with eye doctor if irritation persists
Ingestion	Wash out mouth with water and give 200 -300 ml of water to drink. Consult with medical services if ill effects occur.

4.2. Most Important Symptoms and Effects, both Acute and Delayed

Symptoms/Injuries: No additional information available

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

No supplemental information available

SECTION 5: Fire Fighting Measures

5.1. Extinguishing Media

Water fog or fine spray; Dry chemical fire extinguishers; Carbon dioxide fire extinguishers; Foam – general purpose synthetic foams (including AFFF type) or protein foams are preferred if available.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard	Direct fire hazard – Combustible. Indirect fire Hazard – heating increases the fire hazard. Temperature above flash point – higher fire/explosion hazard
Explosion Hazard	No direct explosion hazard. Violent steam generation or eruption may occur upon application of direct water stream to hot liquid. Dense smoke may be produced when product burns.
Reactivity:	On burning – release of carbon monoxide/carbon dioxide and other combustion products of varying composition which may be toxic and/or irritating.
General Measures:	Mark the danger area. Exposure to heat – have neighborhood close doors and windows. Exposure to fire/heat – consider evacuation. Wash contaminated clothes

5.3. Advice for Firefighters

Fire fighting procedures: Keep people away. Isolate fire and deny unnecessary entry. Do not use direct water stream, May spread fire. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Contain fire water run-off if possible. If not contained, fire water run-off may cause environmental damage. Review the “Accidental Release Measures” and the “Ecological information” sections.

Special Protective equipments for fire fighter: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance

SECTION 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

6.1.1. For Non-Emergency Personnel

Spilled material may cause a slipping hazard. Refer to section 7 and 8 for handling and exposure control/personal protection

6.1.2. For Emergency Responders

Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to Section 7 and 8 for handling and exposure control/personal protection

6.3. Methods and Material for Containment and Cleaning Up

Contain spilled material if possible. The material is a gel, not likely to spill and spread over the surface at room temperature. Scrap the material and wash the spilled site with soap and water if needed. Large spills: collect in suitable and properly

labeled containers. See Section 13 – Disposal consideration, for additional information.

6.4. Reference to Other Sections

Section 7 and 8

SECTION 7: Handling and Storage

7.1. Precautions for Safe Handling

Prevent eye contact and ingestion. Wash thoroughly with soap/water after handling.

7.2. Conditions for Safe Storage, Including any Incompatibilities

Prohibitions on mixed storage	Keep the product away from: ignition sources , strong acids, strong bases, and strong oxidizing agents
Storage area	In well-ventilated place, at room temperature. Meet the legal requirements
Special rules on packaging	Keep it closed, correctly labeled, and meet with the legal requirements
Packaging materials	Plastics or steel with plastic inner lining.

7.3. Specific End Uses

No additional information is available

SECTION 8: Exposure Controls and Personal Protection

8.1. Control Parameters

EU	None
Exposure Limit(s)	None

8.2. Exposure Controls

Personal protective equipment	Use safety glasses (with side shields), Wear clean, body-covering clothes. Use gloves when prolonged or frequently repeated contact could occur. Select the gloves which
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have good chemical resistant to this product and other commonly used products in your production.

Respiratory Protection

Under intended handling conditions, no respiratory protection should be needed.

Ingestion

Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.

Ventilation

Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operation. Local exhaust ventilation may be necessary for some operations.

SECTION 9: Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Appearance (room temperature):	Elastomer Gel
Color:	Translucent to transparent, light brown.
Odor:	Mild characteristic odor
pH:	Not applicable.
Melting point:	42C
Solidification point:	No test data available
Boiling point:	No test data available
Flash point:	No test data available
Vapor pressure:	No supplemental data available
Relative vapor density at 20°C:	No supplemental data available
Density:	No supplemental data available
Solubility	Not soluble in water. Dispersible in oils

Log Power	No supplemental data available
Self ignition temperature	No supplemental data available
Decomposition temperature	No supplemental data available
Viscosity	No supplemental data available

9.2. Other Information

Other Properties Not dispersible in water. Dispersible in oil, and most organic solvents

SECTION 10: Stability and Reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use. On burning, release carbon monoxide/carbon dioxide, and other combustion productions which may be toxic or irritating.

10.2. Chemical Stability

Stable under normal use condition

10.3. Possibility of Hazardous Reactions

Polymerization will not occur

10.4. Conditions to Avoid

Exposure to elevated high temperature can cause product to decompose

10.5. Incompatible Materials

Avoid strong oxidizing agents, strong acid and base

10.6. Hazardous Decomposition Products

No supplementary information available

SECTION 11: Toxicological Information

11.1. Information on Toxicological Effects

The following information is based on a consideration of the properties of the main components. This data is based on publically available information and the information provided by their manufactures.

Acute Toxicity

Oral	LD 50 > 5000 mg/Kg, based on similar product
Dermal	Not likely. Repeated Irritation Patch Test of similar product with 50 panelists showed no skin irritation and skin sensitization
Inhalation	Not likely, under normal use condition
Skin corrosion/irritation	Not likely. Repeated Irritation Patch Test of similar product with 50 panelists showed no skin irritation and skin sensitization
Serious eye damage/irritation	Not likely, under normal use condition
Respiratory and skin sensitization	Not likely. Repeated Irritation Patch Test of similar product with 50 panelists showed no skin irritation and skin sensitization
Germ cell mutagenicity	Not likely. Major components (sunflower seed oil, a short chain triglyceride, and a polymer) are not classified
Carcinogenicity	Not likely. Major components (sunflower seed oil, a short chain triglyceride, and a polymer) are not classified
Reproductive toxicity	Not likely. Major components (sunflower seed oil, a short chain triglyceride, and a polymer) are not classified
Specific target-organ –single exposure	Not likely. Major components (sunflower seed oil, a short chain triglyceride, and a polymer) are not classified
Specific target-organ –repeated exposure	Not likely. Major components (sunflower seed oil, a short chain triglyceride, and a polymer) are not classified
Aspiration hazard	Not likely. Major components (sunflower seed oil, a short chain triglyceride, and a polymer) are not classified

SECTION 12: Ecological Information

The ecological information of this product has not been determined. The information is based on the components, whose information is public or supplied by the manufacturer.

12.1. Toxicity.

Ecology – General: Major components (sunflower seed oil, a short chain triglyceride, and a polymer) are not classified

Ecology – Air: Major components (sunflower seed oil, a short chain triglyceride, and a polymer) are not classified

Ecology – Water: Major components (sunflower seed oil, a short chain triglyceride, and a polymer) are not classified

12.2. Persistence and Degradability

Sunflower seed oil and Caprylic/Capric Triglyceride degrade readily, does not persist.

The polymer is not biodegradable, and persists under anaerobic conditions.

12.3. Bioaccumulative Potential

The bioaccumulative potential is expected to be low.

12.4. Mobility in Soil

The polymer component floats on water and will remain on soil surface.

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other Adverse Effects

No supplemental data available

SECTION 13: Disposal Considerations

13.1. Waste Treatment Methods

Disposal Wear protective clothing to prevent skin and eye contamination. Material can be scraped or pried off of contaminated surfaces by conventional means. Remaining residue can be wiped clean with absorbent and washed down with water and detergent. Collect and seal in properly labeled containers for disposal.

Ecology – waste materials Do not discharge into drains or the body of water. Dispose by a licensed waste treatment company.

Regional legislation (waste) No supplemental information available

SECTION 14: Transport Information

DOT Non-Bulk	Not regulated
DOT Bulk	Not regulated
UN number	Not Classified
UN packaging group	Not Classified
UN Hazard class-primary	Not Classified
International Maritime Organization (IMDG)	Not Classified
Proper shipping name	
Marine Pollutant	
Class-primary	
EMS number	
International Air Transportation Association Classification (IATA)	Not Classified
Proper shipping name	
Hazard class	
ID #	
Packing group	
Cargo packing instruction	
Passenger Packing Instruction	

SECTION 15: Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation specific to Substance/Mixture

HMIS (USA)

Health: 0

Flammability: 1

Reactivity: 0

Personal Protection: C

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NFPA (USA)

Health: 0 Fire Hazard: 1 Instability: 0 Special Hazard: None

OSHA Hazard Communication Standard, 29 CFR 910.1200 Not a “hazardous chemical”

Resource Conservation and Recovery Act –RCRA (40 CFR 261)

To our best knowledge, this product doesn't contain the substances which are subject to the reporting requirements of this statute

Comprehensive Environmental Response, Compensation and Liability (CERCLA/Superfund)

To our best knowledge, this product doesn't contain the substances which are subject to the reporting requirements of this statute

Superfund Amendments and Reauthorization Act of 1986 Title III

Section 302 – Extremely Hazardous Substances

To our best knowledge, this product doesn't contain the substances which are subject to the reporting requirements of this statute

Section 304 – Hazardous Substances

To our best knowledge, this product doesn't contain the substances which are subject to the reporting requirements of this statute

Section 311/312 – Hazardous Communication Standard

Immediate (acute) health hazard	No
Delayed (Chronic) health hazard	No
Fire hazard	No
Reactive hazard	No
Sudden Release of Pressure Hazard	No

Sections 313 - Toxic Chemical List

To our best knowledge, This product doesn't contain the substances which are subject to the reporting requirements of this statute.

Pennsylvania (worker and community Right-to-Know Act): Pennsylvania Hazardous Substances List and/or Pennsylvania Environmental Hazardous Substance List:

To our best knowledge, this product doesn't contain components are cited in this list, and are present at levels which require reporting.

Pennsylvania (worker and Community Right-to-Know Act): Pennsylvania Special Hazardous Substance List

To the best of our knowledge, this product does not contain chemical at level which require reporting under this statute.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986).

To the best of our knowledge, this product doesn't contain any listed substance known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

New Jersey RTK- Substance: Listed substance

To the best of our knowledge, this product does not contain chemical at level which require reporting under this statute.

Massachusetts RTK – Substance: Listed Substance

To the best of our knowledge, this product does not contain chemical at level which require reporting under this statute.

South Korean Regulatory Status:

1) Occupational Safety and Health Act in Korea

Not applicable

2) Toxic Chemical Control Act in Korea

Not applicable

3) Safety Control of Dangerous Substances Act in Korea

Class 4 Group 3 petroleum, Soluble 4000ℓ

4) Wastes Control Act in Korea

Designated waste

5) Other regulations in KOREA and Abroad regulations

Korean Regulation

Persistent Organic Pollutants (POPs) Control Act: Not applicable

Abroad Regulations

U.S.A. management information(OSHA regulation): Not applicable

U.S.A. management information(CERCLA regulation): Not applicable

U.S.A. management information(EPCRA 302 regulation): Not applicable

U.S.A. management information(EPCRA 304 regulation): Not applicable

U.S.A. management information(EPCRA 313 regulation): Not applicable

U.S.A. management information(Rotterdam Convention on Substances): Not applicable

U.S.A. management information(Stockholm Convention on Substances): Not applicable

U.S.A. management information(Mont- real Protocol on Substances): Not applicable

EU Classification (CLASSIFICATION): Not applicable

EU Classification (Risk Phrases): Not applicable

EU Classification (Safety Phrases): Not applicable

Chemical Inventory Legend

Compliant

DSL – Canadian Domestic Substances List	Y
ECL – Korean Existing Chemical List	Y
AICS – Australian Inventory of Chemical Substances	Y
IECS – Inventory of Existing Chemicals in China	Y
NZIOC – New Zealand Inventory of Chemicals	Y
PICCS – Philippine Inventory of Chemicals and Chemical Substances	Y
TSCA - USA Toxic Substances Control Act	Y

EC Inventories – European Community Inventories of Chemicals

Y

(EINECS/ELINCS/NLP/REACH)

15.2. Chemical Safety Assessment

No supplemental data available

SECTION 16: Other Information

SDS Reason for revision	Change the trade name to OleoFlex from NatureVgel
SDS changed sections	Trade name
Training advice	
Other information	

Reference (출처) : OSHA HCS 29 CFR 1910.1200(g); United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS), third revised edition, United Nations, 2009

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Key or legend to abbreviations and acronyms
Key Literature references and sources for data:
Refer to the respective sections
Component supplier's data

Classification/evaluation Procedure –EC No. 1272/2008 (CLP), article 9	
Not classified for all components and this product.	
Full text of phrases/statements which are not written out in full under section 2 -15.	
None	
Training Advice	No data available
Further information	No data available
Instruction for use	No data available

Disclaimer

The information in this publication is based on the public information and the SDS/MSDS and information supplied by the component's suppliers. The information is believed to be accurate and is given in good faith but not representation or warranty as to its completeness or accuracy is made.

Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose.

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