

El Shea

SDS Preparation Date (mm/dd/yyyy): 10/22/2015

Page 1 of 9

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label

: **El Shea**

Product Code(s) : Not available.

Recommended use of the chemical and restrictions on use

: Personal care
No restrictions on use known.

Chemical family : Triglycerides mixture

Name, address, and telephone number of the supplier:

Essential Ingredients

2408 Tech Center Parkway
Suite 200
Lawrenceville, GA, US
30043

Supplier's Telephone # :

24 Hr. Emergency Tel # : (800) 424-9300 (CHEMTREC)

Name, address, and telephone number of the manufacturer:

Refer to supplier

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

This material is not classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Label elements

Signal Word

Not applicable.

Hazard statement(s)

Not regulated.

Precautionary statement(s)

Keep out of the reach of children.

Other hazards

None expected, when used as intended.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration</u>
Shea butter		194043-92-0	100.00

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

Ingestion : This food-grade product is edible. IF exposed or concerned: Get medical attention/advice.

Inhalation : Not a respiratory irritant. If experiencing respiratory symptoms call a POISON CENTRE or doctor/physician.

Skin contact : For skin contact, wash with soap and water while removing contaminated clothing. If skin irritation or rash occurs, seek medical advice/attention. Wash contaminated clothing before reuse.

EI Shea

SDS Preparation Date (mm/dd/yyyy): 10/22/2015

Page 2 of 9

SAFETY DATA SHEET

Eye contact : Flush eyes with water for at least 15 minutes while holding eyelids open. If irritation or symptoms develop, seek medical attention.

Most important symptoms and effects, both acute and delayed

: Non-toxic.

Indication of any immediate medical attention and special treatment needed

: Treat symptomatically. IF exposed or concerned: Get medical attention/advice.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

: Carbon dioxide, dry chemical or alcohol foam.

Unsuitable extinguishing media

: Water spray may ONLY be useful in cooling equipment exposed to heat and flame.

Special hazards arising from the substance or mixture / Conditions of flammability

: Not flammable under normal conditions of use. Fine oil mists may be hazardous.

Flammability classification (OSHA 29 CFR 1910.106)

: Combustible IIIB

Hazardous combustion products

: On extremely long heating at high temperatures, gaseous acrolein may be formed.

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters

: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

Special fire-fighting procedures

: Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

: All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Ecological injuries are not known or expected under normal use.

Methods and material for containment and cleaning up

: Spillage on soil: Use a solid absorbent and/or wash floors with detergent. May cause slip on floors. If solidified, shovel into containers.
Spillage on water: Since the density of oil is lower than water, this product will float on the surface, where it can be collected. Disposal according to regulations.

Special spill response procedures

: Keep this product away from heat, sparks, flame, and other sources of ignition (e.g. pilot lights, electric motors, static electricity).

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

: Risk for spontaneous combustion if substantial quantities of product are left on porous organic materials (cotton waste or rag). Used rags or other cleaning materials may begin to burn by themselves if improperly discarded. Avoid excessive heat, sparks and open flame. Spilled material will create slippery surfaces. Clean up promptly.

EI Shea

SDS Preparation Date (mm/dd/yyyy): 10/22/2015

Page 3 of 9

SAFETY DATA SHEET

- Conditions for safe storage** : Store in cool/well-ventilated place. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks.
- Incompatible materials** : Strong oxidizing agents

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Exposure Limits:</u>				
<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Shea butter	N/Av	N/Av	N/Av	N/Av

Exposure controls

Ventilation and engineering measures

- : General mechanical ventilation should be sufficient.

Respiratory protection

- : None required under normal conditions. If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators.

Skin protection

- : Wear protective gloves when handling hot oil.

Eye / face protection

- : Safety glasses or goggles recommended when handling hot oil.

Other protective equipment

- : Other equipment may be required depending on workplace standards.

General hygiene considerations

- : Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : White solid.

Odour : Mild odor.

Odour threshold : N/Av

pH : N/Av

Melting/Freezing point : 41° C

Initial boiling point and boiling range

- : >100° C @ 760 mmHg

Flash point : >290° C

Flashpoint (Method) : N/Av

Evaporation rate (BuAe = 1) : N/Av

Flammability (solid, gas) : N/Av

Lower flammable limit (% by vol.)

- : N/Av

Upper flammable limit (% by vol.)

- : N/Av

Oxidizing properties : None known.

Explosive properties : N/Av

Vapour pressure : N/Av

Vapour density : N/Av

Relative density / Specific gravity

- : 0.88 - 0.95, depending on temperature

Solubility in water : Insoluble.

Other solubility(ies) : Soluble in acetone/hexane

EI Shea

SDS Preparation Date (mm/dd/yyyy): 10/22/2015

Page 4 of 9

SAFETY DATA SHEET

Partition coefficient: n-octanol/water or Coefficient of water/oil distribution

: Not determined.

Auto-ignition temperature : N/Av

Decomposition temperature : N/Av

Viscosity : N/Av

Volatiles (% by weight) : N/Av

Volatile organic Compounds (VOC's)

: N/Av

Absolute pressure of container

: N/Av

Flame projection length : N/Av

Other physical/chemical comments

: Smoke point >200° C, fire point >320° C

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not normally reactive.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions

: Hazardous polymerization does not occur. May form acrolein at extremely high temperatures.

Conditions to avoid : Avoid contact with incompatible materials.

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products

: None known, refer to hazardous combustion products in Section 5.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation : YES

Routes of entry skin & eye : YES

Routes of entry Ingestion : YES

Routes of exposure skin absorption

: NO

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation

: None reasonably foreseeable.

Sign and symptoms ingestion

: None known or reported by the manufacturer. Food grade material.

Sign and symptoms skin

: No adverse effects due to skin contact are expected.

Sign and symptoms eyes

: May cause mild transient irritation.

Potential Chronic Health Effects

: None known or reported by the manufacturer.

Mutagenicity

: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity

: No component of this product present at levels greater than, or equal to, 0.1% is identified as a carcinogen or potential carcinogen by ACGIH, IARC, OSHA, or NTP.

El Shea

SDS Preparation Date (mm/dd/yyyy): 10/22/2015

Page 5 of 9

SAFETY DATA SHEET

Reproductive effects & Teratogenicity

: Not expected to cause reproductive effects.

Sensitization to material

: None known or reported by the manufacturer.

Specific target organ effects

: No data available to indicate the product, or any components present at greater than 1%, are classified as hazardous for target organ toxicity.

Medical conditions aggravated by overexposure

: None known or reported by the manufacturer.

Synergistic materials

: None known or reported by the manufacturer.

Toxicological data

: See below for toxicological data on the substance.

<u>Chemical name</u>	<u>LC₅₀(4hr)</u>	<u>LD₅₀</u>	
	<u>inh, rat</u>	<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Shea butter	N/Av	N/Av	N/Av

Other important toxicological hazards

: None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

: No data is available on the product itself.

See the following tables for individual ingredient ecotoxicity data.

Ecotoxicity data:

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Fish</u>		
		<u>LC50 / 96h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Shea butter	194043-92-0	N/Av	N/Av	

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Daphnia</u>		
		<u>EC50 / 48h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Shea butter	194043-92-0	N/Av	N/Av	

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Algae</u>		
		<u>EC50 / 96h or 72h</u>	<u>NOEC / 96h or 72h</u>	<u>M Factor</u>
Shea butter	194043-92-0	N/Av	N/Av	

Persistence and degradability

: Readily biodegradable.

Bioaccumulation potential

: This product has no known eco-toxicological effects.

<u>Components</u>	<u>Partition coefficient n-octanol/ater (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
-------------------	---	--------------------------------------

Mobility in soil

: Expected to be ultimately biodegradable

Other Adverse Environmental effects

: None known.

EI Shea

SDS Preparation Date (mm/dd/yyyy): 10/22/2015





Page 6 of 9

SAFETY DATA SHEET

SECTION 13. DISPOSAL CONSIDERATIONS

- Handling for Disposal** : Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.
- Methods of Disposal** : Dispose in accordance with all applicable federal, state, provincial and local regulations.
- RCRA** : It is the responsibility of the waste generator to determine the proper waste identification and disposal method.

SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
TDG	None.	Not regulated.	not regulated	none	
TDG Additional information	None.				
49CFR/DOT	None.	Not regulated.	not regulated	none	
49CFR/DOT Additional information	None.				
ICAO/IATA	None.	Not regulated.	not regulated	none	
ICAO/IATA Additional information	None.				
IMDG	None.	Not regulated.	not regulated	none	
IMDG Additional information	None.				

- Special precautions for user** : Appropriate advice on safety must accompany the package.
- Environmental hazards** : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.
- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not available.

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

EI Shea

SDS Preparation Date (mm/dd/yyyy): 10/22/2015

Page 7 of 9

SAFETY DATA SHEET

<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Shea butter	194043-92-0	NL	N/Ap	N/Av	No	NS

This product is intended for use in applications regulated by the Food and Drug Administration in the United States. It is not listed on the TSCA Inventory.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Shea butter	194043-92-0	No	N/Ap	No	No	No	No	No	No

California Proposition 65: To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.

Canadian Information:

Canadian Environmental Protection Act (CEPA): All ingredients listed appear on the Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

Canadian National Pollutant Release Inventory (NPRI): This product contains the following substances listed on the NPRI: None known.

WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.

International Information:

Components listed below are present on the following International Inventory list:

<u>Ingredients</u>	CAS #	European EINECS	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Shea butter	194043-92-0	N/Av	N/Av	N/Av	N/Av	N/Av	Present	N/Av

SECTION 16. OTHER INFORMATION

Legend

- : ACGIH: American Conference of Governmental Industrial Hygienists
- AICS: Australian Inventory of Chemical Substances
- CA: California
- CAS: Chemical Abstract Services
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- CFR: Code of Federal Regulations
- CSA: Canadian Standards Association
- DOT: Department of Transportation
- EC50: Effective Concentration 50%.
- EINECS: European Inventory of Existing Commercial chemical Substances
- ENCS: Existing and New Chemical Substances
- EPA: Environmental Protection Agency
- HSDB: Hazardous Substances Data Bank
- IARC: International Agency for Research on Cancer
- IBC: Intermediate Bulk Container

EI Shea

SDS Preparation Date (mm/dd/yyyy): 10/22/2015

Page 8 of 9

SAFETY DATA SHEET

IECSC: Inventory of Existing Chemical Substances
IMDG: International Maritime Dangerous Goods
IOC: Inventory of Chemicals
KECI: Korean Existing Chemicals Inventory
KECL: Korean Existing Chemicals List
LC: Lethal Concentration
LD: Lethal Dose
MA: Massachusetts
MN: Minnesota
N/Ap: Not Applicable
N/Av: Not Available
NIOSH: National Institute of Occupational Safety and Health
NJ: New Jersey
NOEC: No observable effect concentration
NTP: National Toxicology Program
OECD: Organisation for Economic Co-operation and Development
OSHA: Occupational Safety and Health Administration
PA: Pennsylvania
PEL: Permissible exposure limit
PICCS: Philippine Inventory of Chemicals and Chemical Substances
RCRA: Resource Conservation and Recovery Act
RI: Rhode Island
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
SDS: Safety Data Sheet
STEL: Short Term Exposure Limit
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TSCA: Toxic Substance Control Act
TWA: Time Weighted Average
WHMIS: Workplace Hazardous Materials Identification System

References

1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2014.
2. International Agency for Research on Cancer Monographs, searched 2015.
3. Canadian Centre for Occupational Health and Safety, CCIInfoWeb databases, 2015 (Chempendium, HSDB and RTECs).
4. Material Safety Data Sheets from manufacturer.
5. US EPA Title III List of Lists - October 2012 version.
6. California Proposition 65 List - January 23, 2015 version.
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2015.

Preparation Date (mm/dd/yyyy)

: 10/22/2015

Other special considerations for handling

: None known.

HMIS Rating

: * - Chronic hazard 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious

Health: 0 *Flammability:* 1 *Reactivity:* 0

NFPA Rating

0 - Minimal 1 - Slight 2 - Moderate 3 - Serious

: *Health:* 0 *Flammability:* 1 *Instability:* 0 *Special Hazards:*

EI Shea

SDS Preparation Date (mm/dd/yyyy): 10/22/2015

Page 9 of 9

SAFETY DATA SHEET

Prepared for: Essential Ingredients 2408 Tech Center Parkway Suite 200 Lawrenceville, GA 30043 Phone (770) 831-9188 www.essentialingredients.com	
Prepared by: ICC The Compliance Center Inc. Telephone: (888) 442-9628 (U.S.): (888) 977-4834 (Canada) http://www.thecompliancecenter.com	

DISCLAIMER

This Safety Data Sheet was prepared by ICC The Compliance Center Inc. using information provided by Essential Ingredients and CCOHS' Web Information Service. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc and Essential Ingredients expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc. and Essential Ingredients.

END OF DOCUMENT