SDS – EcoSoya Classic

Information

1. Identification of the Substance/Preparation and the Company/Undertaking

1.1 Product identifier:

Product name:	EcoSoya Classic
REACH registered name:	Not determined
REACH registered No:	Not determined
CAS Number:	Not determined

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use(s): Sectors of Use:- SU3, SU5, SU7, SU8, SU10, SU11, SU12, SU17, SU19

1.3 Details of the supplier of the safety data sheet:

Kerax Limited
Moorland Gate House
Cowling Road
Chorley
Lancashire, PR6 9DR
Telephone: +44 (0) 1257 237350

1.4 Emergency telephone number: +44 (0) 7811 262958 (24 Hours)

Email address: laboratory@kerax.co.uk

2. Hazards Identification

2.1 Classification of the Substance or Mixture:

Does not contain any components which are hazardous according to CLP Regulation 1272/2008/EC

2.2 Label Elements:

Does not require a hazard warning label in accordance with CLP Regulation 1272/2008/EC

2.3 Other Hazards:

- **PBT:** This product is not identified as a PBT / vPvB substance.

3. Composition

3.1 Substances: N/A

3.2 Mixtures: Triglycerides of mixed fatty acid or vegetable origin.

CAS-No:	Substance Name	Mass % Range	EC Number	REACH Reg No
-	-	-	-	-

There are no ingredients present which, within current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section in accordance with Regulation (EC) No. 1272/2008

4. First aid measures

4.1 Description of First Aid Measures

General Information: Remove contaminated / saturated clothing immediately. In case of accident or illness seek medical advice immediately.

Inhalation: Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

Skin Contact: Wash contact areas with soap and water. If burned by contact with hot material, molten material adhering to skin should be cooled as quickly as possible with water, and see a physician for removal of adhering material and treatment of burn. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

Eye Contact: Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. No emergency measures are necessary but if adverse eye effects follow, refer for medical attention.

Ingestion: Do not induce vomiting. No emergency measures are needed but if adverse health effects follow or large amounts are swallowed, refer for medical attention.

Self-Protection of First Aider: First aider, pay attention to self-protection.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: Over-heated oil can produce fumes which may be irritant when breathed in.

Skin Contact: May cause slight irritation to skin.

Ingestion: No known significant effects or critical hazards

Eye Contact: May cause slight irritation to eyes.

4.3 Indication of any immediate medical attention and special treatment needed

In contact with or splashed by hot liquid:

Skin Contact Cool the skin immediately with cool water. Treat burns according to their severity. Obtain medical attention. Never try to remove the material with solvents.

Contact with eyes Cool the area immediately with cold water. Seek advice of an ophthalmologist.

Specific Treatment: First Aider, decontamination, treatment of symptoms.

Notes to doctor: Treat symptomatically.

5. Firefighting measures

5.1 Extinguishing media: Foam, dry chemical, carbon dioxide [CO2].

5.2 Special hazards arising from the substance or mixture: Oxides of carbon, Wax fumes, Smoke, Fume, Aldehydes, Incomplete combustion products

5.3 Advice for firefighters: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Surfaces may become slippery after spillage.

6.2 Environmental precautions: Water may be used to flush spills away from sources of ignition. Do not allow the product to enter public drainage system or open water courses.

6.3 Methods and material for containment and cleaning up: Use Sand or active clay to absorb spilled substance and remove to containers for disposal.

6.4 Reference to other Sections: See sections 8 and 13

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7. Handling and storage

7.1 Precautions for safe handling: Material can accumulate static charges which may cause an electrical spark (ignition source). When heated, the vapors/fumes given off may cause respiratory tract irritation.

Prevent small spills and leakage to avoid slip hazard. In liquid state, material can accumulate static charges which may cause an electrical spark (ignition source). When the material is handled in bulk, an electrical spark could ignite any flammable vapors from liquids or residues that may be present (e.g., during switch-loading operations).

Use proper bonding and/or ground procedures. However, bonding and grounds may not eliminate the hazard from static accumulation. Consult local applicable standards for guidance.

Static Accumulator: This material in the liquid state is a static accumulator.

7.2 Conditions for safe storage, including any incompatibilities: Keep containers tightly closed. Avoid heat and sources of ignition. Store in original containers or in other mild steel or high-density polyethylene containers which are closable and clearly labelled. Clean up any spilled material immediately. Store at $<100^{0}C$

7.3 Specific end use(s): This material is formulated for various uses.

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8. Exposure Controls/Personal Protection

8.1 Control Parameters:

Exposure Limits

Substance Name	Form	Limit / Standard			NOTE	Source
Wax fumes	Fume.	TWA	2 mg/m3		N/A	ACGIH

8.2 Exposure Controls:

Appropriate engineering measures: The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Control measures to consider: Adequate ventilation should be provided so that exposure limits are not exceeded.

Respiratory protection: If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include: No special requirements under ordinary conditions of use and with adequate ventilation.

Eye protection: Wear appropriate eye goggles.

Skin protection: No special precautions are needed beyond clean working conditions and safe handling practices. Change heavily contaminated clothing.

Hand protection: Use impervious gloves [conforming to EN374] PVC is suitable for casual contact. If direct contact for more than 2 hours, then Neoprene or nitrile gloves are recommended.

Specific Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

8.3 Environmental Exposure Controls: See sections 6, 7, 12 and 13

9. Physical and Chemical Properties

9.1 Information on basic chemical and physical properties:

Appearance:	Liquid (at elevated temperature) Cream/White Solid (at ambient temperature)
Odour:	Neutral / Mild
Odour threshold:	Not determined
pH:	N/A
Melting point:	~52°C
Boiling point/ range:	>316 °C [Estimated]
Flash Point:	> 204 °C (ASTM D92, COC)
Evaporation Rate (n-butyl acetate = 1):	N/D
Explosion Limits:	Not determined
Vapour pressure:	< 0.013 kPa (0.1 mm Hg) at 20 °C [Estimated]
Vapour density: [air =1]	Not determined
Relative density (at 15°C):	0.89 – 0.92
Solubility in water:	<1 mg/l
Partition coefficient n-octanol/water:	>6 [Estimated]
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity (Kinematic, at 100°C):	~7.0 cSt
Explosive properties:	Not determined
Oxidizing properties:	Not determined

9.2 Other Information: None

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10. Stability and Reactivity

10.1 Reactivity: This product is not reactive under normal storage and handling conditions

10.2 Chemical stability: Under normal storage and handling conditions, this product is stable. May react with strong oxidising agents, especially at high temperatures.

10.3 Possibility of hazardous reactions: No specific hazardous reactions are expected.

10.4 Conditions to avoid: Extremes of temperature (preferably, store between 5 & 39 °C).

10.5 Incompatible materials: May react with strong oxidants (e.g. chlorates, peroxides).

10.6 Hazardous decomposition products: Thermal decomposition or incomplete combustion may produce carbon monoxide, nitrous gases and irritating fumes.

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11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity

Acute Toxicity (oral)	No end point data available
Acute Toxicity (dermal)	(Rabbit): LD50 > 2000 mg/kg. Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 402
Acute Toxicity (inhalation)	No end point data available
Irritation:	Elevated temperatures or mechanical action may form vapors/mist/fumes which may be irritating to the eyes, nose, throat, or lungs
Skin Corrosive / Irritation:	Negligible irritation to skin at ambient temperatures. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 404
Serious Eye Damage Irritation:	May cause mild, short-lasting discomfort to eyes. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 405
Respiratory Sensitisation:	Not expected to be a respiratory sensitizer.
Skin Sensitisation:	Non sensitising OECD 406
Aspiration:	Not expected to be an aspiration hazard. Based on physico-chemical properties of the material.
Repeated Dose Toxicity:	Not expected to cause organ damage from prolonged or repeated exposure. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 408 410 411 453

Mutagenicity:	Not expected to be a germ cell mutagen. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 471 473 474 476
Carcinogenicity:	Not expected to cause cancer. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 453
Reproductive Toxicity:	Not expected to be a reproductive toxicant. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 414 421

12. Ecological Information

12.1 Toxicity:

Environmental Fate:	Material -- Not expected to be harmful to aquatic organisms.
Aquatic toxicity (fish):	No data available
Aquatic toxicity (algae):	No data available
Aquatic toxicity (invertebrate):	No data available
Mobility:	Hydrocarbon component -- Low solubility and floats and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.
Biodegradation:	Expected to be inherently biodegradable
Bioaccumulation potential:	Hydrocarbon component -- Has the potential to bioaccumulate, however metabolism or physical properties may reduce the bioconcentration or limit bioavailability.
Other Ecological information:	No other adverse effects are observed. Do not allow uncontrolled leakage of product into the environment.
Results of PBT and vPvB assessment:	This substance does not fulfil the criteria for being classed as a PBT or vPvB substance.

13 Disposal Considerations

13.1 Waste treatment methods: Transport to authorised waste location or incinerate under controlled conditions (EU Directives 2000/76/EC and 1999/31EC apply). European Waste Catalogue No. 050199/130899.

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

DISPOSAL RECOMMENDATIONS
Suitable routes of disposal are supervised incineration, preferentially with energy recovery, or appropriate recycling methods in accordance with applicable regulations and material characteristics at the time of disposal.

Empty Container Warning Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

14. Transport Information

14.1 UN number: Not Classified.

14.2 UN Proper shipping name: Not Classified

14.3 Transport Hazard Class(es): Not Classified

14.4 Packing Group: Not Classified

14.5 Environmental Hazards: None

14.6 Special Precautions for user: None

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not Classified

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

EU Regulations

Regulation [EC] 1272/2008
Regulation [EC] 1907/2006

15.2 Chemical Safety Assessment: The supplier has not performed a chemical safety assessment of this substance.

15.3 Does not contain any raw materials, contaminants or biproducts known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 State Drinking Water and Toxic Enforcement Act.

Information is based on - Proposition 65 List dated - December 18, 2020.

15.4 Chemical Inventory

Canada:	The ingredients of this product are on or in compliance with DSL.
United States:	The ingredients of this product are on or in compliance with TSCA inventory.
Australia:	The ingredients of this product are on or in compliance with the Industrial Chemical (Notification and Assessment) Act
Japan:	The ingredients of this product are on or in compliance with the Kashin-Hou Law List
Korea:	The ingredients of this product are on or in compliance with the Toxic Chemical Control Law (TCCL) List
Philippines:	The ingredients of this product are on or in compliance with the Toxic Substances and Hazardous and Nuclear waste Control Act
China:	The ingredients of this product are on or in compliance with the Inventory Of Existing Chemical Substances.
New Zealand:	The ingredients of this product are on or in compliance with the Inventory Of Chemicals (NZIoC) as published by ERMA New Zealand.

National Regulatory Information

EPA Hazard Categories

EPCRA SECTION 302:	This material contains no extremely hazardous substances.
(SARA 311, 312):	None

SARA (313) TOXIC RELEASE INVENTORY:	This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.
WHMIS Classification:	Not Rated
CONEG:	These products are in compliance with the heavy metals requirements of the Coalition of North Eastern Governors and the California Toxics in Packaging Prevention Act (AB2021)
CERCLA:	In the event of a spill the end user should verify whether reporting is required under local, state, province or federal regulations.
Ozone Depleting Substances:	None reportable in compliance with 40 (US) CFR 82

OSHA HAZARD COMMUNICATION STANDARD: This material is not considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200.

The following ingredients are cited on the lists below: None.

--REGULATORY LISTS SEARCHED—

1 = ACGIH ALL	6 = TSCA 5a2	11 = CA P65 REPRO	16 = MN RTK
2 = ACGIH A1	7 = TSCA 5e	12 = CA RTK	17 = NJ RTK
3 = ACGIH A2	8 = TSCA 6	13 = IL RTK	18 = PA RTK
4 = OSHA Z	9 = TSCA 12b	14 = LA RTK	19 = RI RTK
5 = TSCA 4	10 = CA P65 CARC	15 = MI 293	

Code key: CARC=Carcinogen; REPRO=Reproductive

16. Other Information

Indication of changes:

V2.0 – S11 – Toxicological data added.

Abbreviations & Acronyms

PNEC	**Predicted No Effect Level**
DNEL	**Derived No Effect Level**
LD50	**Median Lethal Dose**
LC50	**Median Lethal Concentration**
CAS No	**Chemical Abstract Services number**
CLP	**Classification Labelling and Packaging Regulation**
ES	**Exposure Scenario**
EC	**European Commission**
EC No	**European Chemical Number – EINECS - ELINCS**
ECHA	**European Chemical Agency**
EINECS	**European Inventory of Existing Commercial Chemical Substances**
ELINCS	**European List of Notified Chemical Substances.**
OECD	**Organisation for Economic Cooperation and Development**
DSD	**Dangerous Substances Directive.**
PBT	**Persistent Bio accumulative Toxic**
vPvB	**very Persistent very Bio accumulative**
STOT	**Specific Target Organ Toxicity**
IECSC	**Inventory of Existing Chemical Substances in China**
KECI	**Korean Existing Chemicals Inventory**
NDSL	**Non-Domestic Substances List (Canada)**
NZLoC	**New Zealand Inventory of Chemicals**
PICCS	**Philippine Inventory of Chemicals and Chemical Substances**
TSCA	**Toxic Substances Control Act (U.S. inventory)**
TLV	**Threshold Limit Value (American Conference of Governmental Industrial Hygienists)**

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