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Revision Number 4

Section 1: PRODUCT AND COMPANY IDENTIFICATION**1.1. Product identifier**

Product Name Cellulose Blend

Pure substance/mixture Mixture**1.2. Relevant identified uses of the substance or mixture and uses advised against****Recommended Use** Cosmetics**Uses advised against** NOT FOR USE AS A FOOD INGREDIENT**1.3. Details of the supplier of the safety data sheet****Supplier:** ***TKB TRADING, LLC***

1101 9th Avenue

Oakland, CA 94606

Tel: (510)-922-9027

www.tkbtrading.com

Section 2: HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

Regulation (EC) No 1272/2008

This product is not hazardous according to the EU CLP Regulation (EC) No. 1272/2008, the 2012 OSHA Hazard Communication Standard (HCS) and the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

2.2. Label elements**Product identifier**

This product is not hazardous according to the EU CLP Regulation (EC) No. 1272/2008, the 2012 OSHA Hazard Communication Standard (HCS) and the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

2.3. Other hazards

None known

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture

Chemical Name	EINECS	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Octyldodecanol	226-242-9	5333-42-6	65.0-75.0	Not Classified	Exempted, Quantity < 1 T
Isostearyl alcohol	248-470-8	27458-93-1	7.0-12.0	Not Classified	Exempted, Quantity < 1 T
Hydrogenated Dilinoleyl Alcohol	500-231-1	68783-41-5	7.0 - 12.0	Not Classified	Exempted, Quantity < 1 T
Ethylcellulose		9004-57-3	8.0-14.0	Not Classified	Exempted, Quantity < 1 T

Full text of H- and EUH-phrases: see section 16

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Advice	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
Inhalation	Allow victim to breathe fresh air. Allow the victim to rest.
Skin contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Eye contact	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
Ingestion	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms Asthma-like and/ or skin allergy-like symptoms.

4.3. Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media

Do not use heavy water stream.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors such as carbon monoxide/dioxide.

5.3. Advice for firefighters

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Do not enter fire area without proper protective equipment, including respiratory protection. In the event of a fire, toxic gases may be released, depending on the temperature and air circulation (carbon monoxide and nitrogen oxides).

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

Ensure adequate ventilation.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for Containment

Do not allow product to spread into the environment.

Methods for Cleaning Up

Scoop solid spill into closing containers. Collect spillage. Store away from other materials. Wash area with hot soapy water to prevent slipping.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Ensure adequate ventilation. Use personal protective equipment as required.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage

Keep container closed when not in use. Store in a cool, dry place.
Storage Temperature: $\approx 25^{\circ}\text{C}$.

7.3. Specific end use(s)

Risk Management Methods (RMM)

The information required is contained in this Material Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection Tight sealing safety goggles.
Hand protection Protective gloves.
Skin and Body Protection Long sleeved clothing.
Respiratory Protection Not required under normal conditions.

Environmental exposure controls None identified.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	Liquid	Odor	Characteristic
Appearance	Gel Semi-Solid Non flowable	Odor threshold	Not determined
Color	Clear Yellow almost to slightly yellow		

Property	Values	Remarks • Method
pH		
Melting point / freezing point		
Boiling point / boiling range		
Flash Point	> 189 °C / 372.2 °F	
Evaporation Rate		
Flammability (solid, gas)		
Flammability Limit in Air		
Upper flammability limit		
Lower Flammability Limit		
Vapor pressure		
Vapor Density		
Specific Gravity		
Water Solubility		
Solubility in other solvents		
Partition coefficient		
Autoignition Temperature		
Decomposition temperature		
Kinematic viscosity		
Dynamic viscosity	Not determined	
Explosive Properties	None	
Oxidizing Properties	None	

9.2. Other information

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

On exposure to high temperatures, may decompose, releasing toxic/flammable vapors.

10.2. Chemical stability

Stable under normal conditions.

Explosion Data

Sensitivity to Mechanical Impact None known.
Sensitivity to Static Discharge None.

10.3. Possibility of hazardous reactions

Hazardous Polymerization

Product will not undergo hazardous polymerization.

Hazardous Reactions

None under normal processing.

10.4. Conditions to avoid

Sparks. Open flame. Heat. Sources of ignition. Direct sunlight.

10.5. Incompatible materials

Strong acids. Strong bases. Oxidizing agents.

10.6. Hazardous decomposition products

Fumes. Carbon dioxide. Carbon monoxide (CO).

Section 11: TOXICOLOGY INFORMATION

11.1. Information on toxicological effects

Inhalation	Not classified (Based on available data, the classification criteria are not met).
Eye contact	Not classified (Based on available data, the classification criteria are not met).
Skin contact	Not classified (Based on available data, the classification criteria are not met).
Ingestion	Not classified (Based on available data, the classification criteria are not met).

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Octyldodecanol	> 5000 mg/kg (Rat)		
Ethylcellulose	> 5 g/kg (Rat)	> 5 g/kg (Rabbit)	

Skin corrosion/irritation No significant irritation expected from a single short-term exposure.

Serious eye damage/eye irritation Not expected to be irritating to the eyes.

Sensitization Not a skin sensitizer.

Mutagenic Effects Not a Mutagen.

Carcinogenic effects Not considered a Carcinogen.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

No known hazard

Chemical Name	Toxicity to Algae	Toxicity to Fish	Daphnia Magna (Water Flea)
Octyldodecanol	EC50 = 100 mg/L 72 h		

12.2. Persistence and degradability

Readily biodegradable and not persistent.

12.3. Bioaccumulative potential

Not expected to bioaccumulate.

12.4. Mobility in soil

Mobility in soil
No data available.

12.5. Results of PBT and vPvB assessment

not expected to be PBT nor vPvB.

12.6. Other adverse effects

None identified

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products	This material and its container must be disposed of in a safe way, and as per local legislation. Dispose of contents/container to comply with local/regional/national/international regulations.
Contaminated Packaging	Empty remaining contents.

Section 14: TRANSPORT INFORMATION

NOTE DOT: Not Regulated

IMDG / IMO
Not regulated

RID
Not regulated

ADR
Not regulated

ICAO
Not regulated

IATA
Not regulated

Section 15: REGULATORY INFORMATION

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

European Union**International Inventories**

TSCA	n/a
EINECS/ELINCS	n/a
DSL/NDSL	n/a
PICCS	n/a
ENCS	n/a
IECSC	n/a
AICS	n/a
KECL	n/a

Legend

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

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

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical safety assessment

Not applicable

Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

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Reason for Revision	Formatting/Minor Revisions.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 and EC No 1272/2008 (CLP)

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End of Safety Data Sheet



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