

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 07.28.2021

Page 1 of 9

EverSweet™ + ClearFlo™ EC1

SECTION 1: Identification

Product identifier

Product name: EverSweet™ + ClearFlo™ EC1

Additional information: This is a food product that is safe for consumers or other users under intended and reasonably foreseeable use. This SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills.



Recommended use of the product and restriction on use

Relevant identified uses: Food / Sweetener.

Uses advised against: Not determined or not applicable.

Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Supplier:

United States

Cargill Incorporated
15407 McGinty Rd W
Wayzata, MN 55391
1-800-227-4455

Emergency telephone number:

United States

VelocityEHS (formerly ChemTel, Inc)
1-800-255-3924 (North America)
+1-813-248-0585 (International)

SECTION 2: Hazard(s) identification

GHS classification:

Combustible Dust

Label elements

Hazard pictograms: None

Signal word: Warning

Hazard statements:

Combustible Dust May form combustible dust concentrations in air.

Precautionary statements:

P264 Wash hands thoroughly after handling

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking

P233 Keep container tightly closed

P240 Ground/bond container and receiving equipment

P314 Get medical advice/attention if you feel unwell

P401 Store away from incompatible materials

P403+P233 Store in a well-ventilated place. Keep container tightly closed

P501 Dispose of contents and container in accordance with local, regional, national, and international regulations

Hazards not otherwise classified: None

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 07.28.2021

Page 2 of 9

EverSweet™ + ClearFlo™ EC1

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: N/A	Dust	1

Additional Information:

The manufacturer lists no ingredients as hazardous to health according to OSHA 29 CFR 1910.1200.

SECTION 4: First aid measures

Description of first aid measures

General notes:

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

After inhalation:

Move to fresh air. Oxygen or artificial respiration if needed. Call a physician if symptoms develop or persist.

After skin contact:

Wash off with soap and water. Get medical attention if irritation develops and persists.

After eye contact:

Do not rub eyes. In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. Check for and remove any contact lenses. Get medical attention if irritation develops and persists.

After swallowing:

First aid is normally not required. However, if ingested large amounts, rinse mouth. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Dusts may irritate the respiratory tract, skin and eyes.

Delayed symptoms and effects:

Not determined or not applicable.

Immediate medical attention and special treatment

Specific treatment:

Not determined or not applicable.

Notes for the doctor:

Provide general supportive measures and treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂). Apply extinguishing media carefully to avoid creating airborne dust.

Avoid high pressure media which could cause the formation of a potentially explosive dust-air mixture.

Unsuitable extinguishing media:

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards during fire-fighting:

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 07.28.2021

Page 3 of 9

EverSweet™ + ClearFlo™ EC1

Explosion hazard: Avoid generating dust; fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard. During fire, gases hazardous to health may be formed. Combustion products may include: carbon oxides.

Special protective equipment for firefighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special precautions:

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Use water spray to cool unopened containers.

Use standard firefighting procedures and consider the hazards of other involved materials.

May form combustible dust concentrations in air.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Use only non-sparking tools. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Wear appropriate protective equipment and clothing during clean-up. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Environmental precautions:

Avoid discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up:

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Collect dust using a vacuum cleaner equipped with HEPA filter or other method that prevents dispersal of dust in the air. Stop the flow of material, if this is without risk.

Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container.

Following product recovery, flush area with water.

Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

This product is miscible in water.

Reference to other sections:

For personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: Handling and storage

Precautions for safe handling:

Minimize dust generation and accumulation. Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Explosion-proof general and local exhaust ventilation. Avoid inhalation of dust. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities:

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 07.28.2021

Page 4 of 9

EverSweet™ + ClearFlo™ EC1

Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
OSHA	Dust	N/A	PEL: 5 mg/m ³ (Respirable fraction)
	Dust	N/A	PEL: 15 mg/m ³ (Total Dust)
	Dust	N/A	TWA: 5 mg/m ³ (Respirable fraction)
	Dust	N/A	TWA: 15 mg/m ³ (Total Dust)
ACGIH	Dust	N/A	TWA: 3 mg/m ³ (Respirable particles)
	Dust	N/A	TWA: 10 mg/m ³ (Inhalable particles)

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures:

Not determined or not applicable.

Appropriate engineering controls:

Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.

Personal protection equipment

Eye and face protection:

Wear safety glasses with side shields (or goggles).

Skin and body protection:

Hand protection: Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.

Other: Wear suitable protective clothing.

Wear appropriate thermal protective clothing, when necessary.

Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

General hygienic measures:

When using, do not eat, drink or smoke. 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.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 07.28.2021

Page 5 of 9

EverSweet™ + ClearFlo™ EC1

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Powder: Tan
Odor	Characteristic
Odor threshold	Not determined or not available.
pH	4 -7
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	Not determined or not available.
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Combustible dust.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	Not determined or not available.
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

Other information

SECTION 10: Stability and reactivity

Reactivity:

The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability:

Material is stable under normal conditions.

Possibility of hazardous reactions:

No dangerous reaction known under conditions of normal use.

Conditions to avoid:

Keep away from heat, sparks and open flame. Contact with incompatible materials. Minimize dust generation and accumulation.

Incompatible materials:

Strong oxidizing agents.

Hazardous decomposition products:

Carbon oxides.

SECTION 11: Toxicological information

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 07.28.2021

Page 6 of 9

EverSweet™ + ClearFlo™ EC1

Acute toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Skin corrosion/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data:

Dust or powder may irritate the skin.

Substance data: No data available.

Serious eye damage/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data:

Dust may irritate the eyes.

Substance data: No data available.

Respiratory or skin sensitization

Assessment: Based on available data, the classification criteria are not met.

Product data:

Respiratory sensitization: Not a respiratory sensitizer.

Skin sensitization: This product is not expected to cause skin sensitization.

Substance data: No data available.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

Species	Result
	Not classifiable as to carcinogenicity to humans.

Substance data: No data available.

International Agency for Research on Cancer (IARC): None of the ingredients are listed.

National Toxicology Program (NTP): None of the ingredients are listed.

OSHA Carcinogens: Not applicable

Germ cell mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

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

Substance data: No data available.

Reproductive toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Specific target organ toxicity (single exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data:

Not classified.

Substance data: No data available.

Specific target organ toxicity (repeated exposure)

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 07.28.2021

Page 7 of 9

EverSweet™ + ClearFlo™ EC1

Assessment: Based on available data, the classification criteria are not met.

Product data:

Not classified.

Substance data: No data available.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

Not an aspiration hazard.

Substance data: No data available.

Information on likely routes of exposure:

Inhalation: Dust may irritate respiratory system.

Skin Contact: Dust or powder may irritate the skin.

Eye contact: Dust may irritate the eyes.

Ingestion: Not expected to be acutely toxic.

Symptoms related to the physical, chemical and toxicological characteristics:

Dusts may irritate the respiratory tract, skin and eyes.

Other information:

Low toxicological concern based on acute oral toxicity data for the ingredients.

SECTION 12: Ecological information

Acute (short-term) toxicity

Assessment:

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Product data: No data available.

Substance data: No data available.

Chronic (long-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Persistence and degradability

Product data: No data available.

Substance data: No data available.

Bioaccumulative potential

Product data: No data available.

Substance data: No data available.

Mobility in soil

Product data: No data available.

Substance data: No data available.

Results of PBT and vPvB assessment

Product data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

Substance data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

Other adverse effects:

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential,

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 07.28.2021

Page 8 of 9

EverSweet™ + ClearFlo™ EC1

endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal considerations

Disposal methods:

Disposal instructions: Dispose of contents/container in accordance with local/regional/national/international regulations. Local disposal regulations: Dispose in accordance with all applicable regulations. Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company. Waste from residues / unused products: Dispose of in accordance with local regulations.

Contaminated packages:

Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

United States Transportation of dangerous goods (49 CFR DOT)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

SECTION 15: Regulatory information

United States regulations

Inventory listing (TSCA): Not determined.

Significant New Use Rule (TSCA Section 5): Not determined.

Export notification under TSCA Section 12(b): Not determined.

SARA Section 302 extremely hazardous substances: Not determined.

SARA Section 313 toxic chemicals: Not determined.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 07.28.2021

Page 9 of 9

EverSweet™ + ClearFlo™ EC1

CERCLA: Not determined.

RCRA: Not determined.

Section 112(r) of the Clean Air Act (CAA): Not determined.

Massachusetts Right to Know: Not determined.

New Jersey Right to Know: Not determined.

New York Right to Know: Not determined.

Pennsylvania Right to Know: Not determined.

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

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NFPA: 0-2-0

HMIS: 0-2-0

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Additional information:

Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

End of Safety Data Sheet