Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name
ENLITEN® High Intensity Sweetener 300000

Synonyms
Reb A (Stevia Extract); Rebiana (Stevia Extract); Rebaudioside A (Stevia Extract)

Product Description
Manufacture of food products.

Details of the supplier of the safety data sheet

Ingredion Incorporated
5 Westbrook Corporate Center
Westchester, IL 60154 USA
Phone: (708) 551-2600
Product Info/Customer Service: Business Hours:
Mon - Fri, 7:30 a.m. - 5:00 p.m. (CST)
Fax: (708) 551-2510

Emergency Phone #: 1-800-424-9300
(CHEMTREC)

Ingredion Canada Corporation
1600-90 Burnhamthorpe Road West
Mississauga, ON L5B 0H9 Canada
Phone: (905) 281-7950
Product Info/Customer Service: Business Hours:
Mon - Fri, 7:30 a.m. - 6:00 p.m. (EST)
Fax: (905) 281-7951

Emergency Phone #: 1-800-424-9300
(CHEMTREC)

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.
- Combustible Dust

GHS Label Elements

Symbol(s)
None needed according to classification criteria

Signal Word
WARNING!

Hazard Statement(s)
May form combustible dust concentrations in air

Precautionary Statement(s)

Prevention
None needed according to classification criteria

Response
None needed according to classification criteria

Storage
None needed according to classification criteria

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

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
58543-16-1	Rebaudioside A	95

Component Related Regulatory Information
ACGIH TLVs, as Particulates Not Otherwise Classified: 10 mg/m³ (inhalable fraction) 3 mg/m3 (respirable fraction). OSHA PELs, as Particulates Not Otherwise Regulated: 15 mg/m³ (total dust) 5 mg/m³ (respirable fraction).

Section 4 - FIRST AID MEASURES

Inhalation
Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Skin
After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap If skin irritation occurs: Get medical advice/attention.

Eyes
Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

Ingestion
If a large amount is swallowed, get medical attention.

Most Important Symptoms/Effects
Acute
None.
Delayed
None.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media
Carbon dioxide. Water spray. Foam.

Unsuitable Extinguishing Media
None.

Special Hazards Arising from the Chemical
May form combustible dust concentrations in air. This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been certified as intrinsically safe). Use explosion-proof electrical equipment. Contact with combustible material may cause fire.

Fire Fighting Measures
Remove product from area of fire. Wet the material with water to limit dust emission or explosion. Suitable extinguishing media. Avoid inhalation of the product. Stay upwind/keep distance from source.

Special Protective Equipment and Precautions for Firefighters
In case of fire: Wear self-contained breathing apparatus. Wear suitable protective clothing.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures
See protective measures under point 7 and 8.

Methods and Materials for Containment and Cleaning Up
Avoid generation of dust. Remove all sources of ignition. Ensure that the equipment is adequately grounded. Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take care for general good hygiene and housekeeping.

Conditions for Safe Storage, Including any Incompatibilities
None needed according to classification criteria
Store in accordance with local/regional/national/international regulations. Store in a well-ventilated place. Keep container tightly closed. Store in a dry place. Avoid generation of dust.

Incompatible Materials
Oxidizing agents. Combustible substance.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

ACGIH, NIOSH, EU, OSHA (US) and Mexico have not developed exposure limits for any of this product's components

Biological limit value
There are no biological limit values for any of this product's components.

Engineering Controls
Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits. 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).

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection
If eye contact is likely, wear chemical resistant safety goggles.

Skin Protection
Protective clothing is not required under normal conditions.

Respiratory Protection
Respiratory protection is not required under normal conditions of use. If respirable dusts are generated, respiratory protection may be needed.

Glove Recommendations
Protective gloves are not required under normal conditions.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White, free flowing powder	**Physical State**	solid
Odor	Not available	**Color**	white
Odor Threshold	Not available	**pH**	4.5 - 7
Melting Point	Not available	**Boiling Point**	Not available
Freezing point	Not available	**Evaporation Rate**	Not available
Boiling Point	Not available	**Flammability (solid, gas)**	Not available

Range			
Autoignition	Not available	**Flash Point**	Not available
Lower Explosive Limit	Not available	**Decomposition**	Not available
Upper Explosive Limit	Not available	**Vapor Pressure**	Not available
Vapor Density (air=1)	Not available	**Specific Gravity (water=1)**	Not available
Water Solubility	soluble	**Partition coefficient: n-octanol/water**	Not available
Viscosity	Not available	**Solubility (Other)**	Not available
Density	Not available	**KSt-value (bar x m/s)**	(See "Other Information" below)
Taste	Intensely sweet taste		

Other Information
Material Dust Explosivity Parameters: KSt-value (bar x m/s): 230 (+/- 10%). Maximum explosion pressure (Pmax) bar: 8.4 (+/- 10%). Maximum rate of pressure rise ((dp/dt)max) bar/s: 849(+/- 10%). Testing in accordance with American Society of Testing Materials (ASTM E1226). This data provides a relative measure of deflagration characteristics used for design of explosion protection systems. Refer to NFPA 654, 68, and 69 for guidance on explosion mitigation.

Section 10 - STABILITY AND REACTIVITY

Reactivity
No known hazardous reactions.

Chemical Stability
The product is stable under storage at normal ambient temperatures.

Possibility of Hazardous Reactions
None.

Conditions to Avoid
Avoid generation of dust. Remove all sources of ignition.

Incompatible Materials
Oxidizing agents. Combustible substance.

Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation
May cause respiratory irritation.

Skin Contact
No data available.

Eye Contact
Irritation to eyes. Corneal opacity.

Ingestion
No data available.

Acute and Chronic Toxicity

Component Analysis - LD50/LC50
The components of this material have been reviewed in various sources and no selected endpoints have been identified

Immediate Effects
No data available.

Delayed Effects
No data available.

Irritation/Corrosivity Data
No data available.

Respiratory Sensitization
No data available.

Dermal Sensitization
No data available.

Component Carcinogenicity
None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA

Germ Cell Mutagenicity
No data available.

Reproductive Toxicity
No data available.

Specific Target Organ Toxicity - Single Exposure
No data available.

Specific Target Organ Toxicity - Repeated Exposure

No data available.

Aspiration hazard
No data available.

Medical Conditions Aggravated by Exposure
No data available.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity
Avoid release to the environment.

Component Analysis - Aquatic Toxicity
No LOLI ecotoxicity data are available for this product's components

Persistence and Degradability
Biodegradable.

Bioaccumulative Potential
No data available.

Mobility
No data available.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods
Contain and dispose of waste according to local regulations.

Component Waste Numbers
The U.S. EPA has not published waste numbers for this product's components

Section 14 - TRANSPORT INFORMATION

US DOT Information:
Additional information: Not regulated as a hazardous material

TDG Information:
Additional information: Not regulated as a hazardous material

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations
None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

FDA - Direct Food Additive
No components of this material are listed.

FDA - Food additives Generally Recognized as Safe(GRAS)
No components of this material are listed.

FDA - Food additives Generally Recognized as Safe(GRAS) –Select Committee on GRAS Substances(SCOGS)
No components of this material are listed.

FDA - Food additives Permitted in Food on an Interim Basis
No components of this material are listed.

FDA - Substances Prohibited from use in human food
No components of this material are listed.

U.S. State Regulations
None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA

Not listed under California Proposition 65

Canada Regulations
Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL.

Section 16 - OTHER INFORMATION

Key / Legend
ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of LIsts™

- ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

Other Information

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