

Material Safety Data Sheet

RightSweet™ Sucralose

The Ingredient House, LLC. urges the customer receiving this Material Safety Data Sheet to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety you should (1) notify your employees, agents and contractors of the information on this sheet, (2) furnish a copy to each of your customers for the product and (3) request your customers to inform their employees and customers as well.

1. Identification of Substance

Product:	RightSweet™ Sucralose
Supplier:	The Ingredient House, LLC 473 Township Line Road Belle Mead, NJ 08502 Telephone: 908-874-3567 Fax: 609-279-0171 E-mail: support@theingredienthouse.com Web: www.theingredienthouse.com
Product Number:	RTGS-100 (Standard Grade), RTGS-101

2. Product Identification

Common Name:	Sucralose
Chemical Name:	1,6-Dichloro-1,6-dideoxy-β-D-fructofuranosyl-4-chloro-4-deoxy-α-D-galactopyranoside
Synonyms:	Sucralose, TGS, TrichloroGalactoSucrose, Trichlorosucrose
CAS Number:	56038-13-2
E Number:	E955
Molecular Weight:	397.64
Chemical Formula:	C ₁₂ H ₁₉ Cl ₃ O ₈

3. Hazards Identification

This product is considered non-hazardous by the criteria specified in 29 CFR 1910.12.00 (Hazard Communication).	
Emergency Overview	As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing. May cause slight irritation.
HMIS Health Rating:	Not found
HMIS Flammability Rating:	Not found
HMIS Reactivity Rating:	Not found
HMIS Personal Protection:	E - Goggles; Gloves; Dust respirator
Storage Color Code:	Green (General Storage)
Potential Health Effects	
Inhalation:	May cause slight respiratory tract irritation.
Ingestion:	May cause slight gastrointestinal irritation.
Skin Contact:	May cause slight skin irritation.
Eye Contact:	May cause slight eye irritation.
Chronic Exposure:	Possible hyper sensitization.

4. First Aid Measures

Inhalation:	Not expected to require first aid measures. Treat symptoms and provide fresh air. Get medical advice if irritation develops.
Ingestion:	Not expected to require first aid measures. Wash mouth out with plenty of

	water. This material is rapidly and completely absorbed from the gastrointestinal tract. Get medical advice if irritation develops.
Skin Contact:	Not expected to require first aid measures. Wash exposed area with soap and water. Get medical advice if irritation develops.
Eye Contact:	Not expected to require first aid measures. Wash thoroughly with running water including under eyelids. Get medical advice if irritation develops.

5. Fire Fighting Measures

Fire:	Not considered to be a fire hazard.
Explosion:	Not considered to be an explosion hazard.
Fire Extinguishing Media:	Use any means suitable for extinguishing surrounding fire.
Special Information:	Use protective clothing and breathing equipment appropriate for the surrounding fire.

6. Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

7. Handling and Storage

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage and direct sun light. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

Do not store near hazardous or odorous material.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:	None established.
Ventilation System:	In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.
Personal Respirators (NIOSH Approved):	For conditions of use where exposure to the dust or mist is apparent, a half-face dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.
Skin Protection:	Wear protective gloves and clean body-covering clothing.
Eye Protection:	Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance:	White crystalline powder.
Odor:	Odorless
Solubility in Water:	Freely soluble
Solubility in Ethanol:	Freely soluble
pH:	6.0 to 7.0
Specific Gravity:	1.12
Molecular Weight:	397.64
Melting Point:	> 125.5°C (decomposes)
Auto Ignition Point:	Not found
Sweetness:	600 times as sweet as sucrose.

10. Stability and Reactivity

Stability:	Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products:	When heated to decomposition, this product emits fumes of CO ₂ (carbon dioxide), CH ₄ (methane) and HCl (hydrogen chloride).
Hazardous Polymerization:	Will not occur.
Incompatibilities:	None identified.
Conditions to Avoid:	Heat, flames and ignition sources.

11. Toxicology Information

Toxicity Data:	
Component Analysis:	Oral rat LD50: >10g/kg body weight. Oral mouse LD50: >16g/kg body weight.
Carcinogen Status:	
Component Analysis:	No components are listed by IARC, OSHA, or NTP.

12. Ecological Information

Environmental Fate:	No adverse effects.
Environmental Toxicity:	Non-toxic to animals and plants.

13. Disposal Considerations

Dispose of waste in accordance with all applicable Federal, State, and local laws.

14. Transport Information

Not regulated.

15. Regulatory Information

U.S. Regulatory Information:	21 CFR 172.831
International Regulatory Info:	EINECS 259-952-2.
CAS No. 56038-13-2 is not listed on the TSCA inventory.	

16. Other Information

NFPA Ratings:	Not found
Label Hazard Warning:	As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.
Label Precautions:	Store in closed container. Avoid dust cloud. Maintain adequate ventilation.
Label First Aid:	Not applicable.

DISCLAIMER:

The information and recommendations contained in this Material Safety Data Sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal, state or local laws.

Revision Date 6/08