

Material Safety Data Sheet

EMERGENCY OVERVIEW

This material is considered to be non-toxic and non-hazardous in small quantities and under conditions of normal occupational exposure.

SECTION 1 - IDENTIFICATION

Common Name:	Sucralose
Chemical Name:	1,6-Dichloro-1,6-dideoxy-beta-D-fructofuranosyl-4-chloro-4-deoxy-alpha-D-galactopyranoside
Synonym:	n/f
Formula:	$C_{12}H_{19}Cl_3O_8$
CAS Number:	56038-13-2
RTECS Number:	LW5440140
Chemical Family:	n/f
Therapeutic Category:	Sweetener

SECTION 2 - HEALTH HAZARD INFORMATION

Usual Adult Dose:	The acceptable daily intake of sucralose is up to 15 mg per kilograms of body weight.
Adverse Effects:	Possible allergic reaction to material if inhaled, ingested or in contact with skin.
Overdose Effects:	n/f
Acute:	Possible eye, skin, gastrointestinal and/or respiratory tract irritation.
Chronic:	Possible hypersensitization.
Pregnancy Comments:	n/f
Pregnancy Category:	n/f
Medical Conditions Aggravated by Exposure:	Hypersensitivity to material.
Cross Sensitivity:	n/f
Inhalation:	May cause irritation. Remove to fresh air.
Eye:	May cause irritation. Flush with copious quantities of water.
Skin:	May cause irritation. Flush with copious quantities of water.
Ingestion:	May cause irritation. Flush out mouth with water.

SECTION 3 - FIRST AID MEASURES

General: Remove from exposure. Remove contaminated clothing. Persons developing serious hypersensitivity (anaphylactic) reactions must receive immediate medical attention. If person is not breathing give artificial respiration. If breathing is difficult give oxygen. Obtain medical attention.

Overdose Treatment: n/f

SECTION 4 - TOXICOLOGICAL INFORMATION

Oral Rat: LD50: n/f

Oral Mouse: LD50: n/f

Irritancy Data: n/f

Target Organ(s): n/f

Listed as a Carcinogen? NTP: No IARC: No
OSHA: No Other: No

SECTION 5 - FIREFIGHTING MEASURES

Flash Point: n/f

Upper Flammable Limit: n/f

Lower Flammable Limit: n/f

Auto-Ignition Temperature: n/f

Extinguisher Media: Water spray, dry chemical, carbon dioxide or foam as appropriate for surrounding fire and materials.

Firefighting Procedures: As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing.

Fire and Explosion Hazards: This material is assumed to be combustible. As with all dry powders it is advisable to ground mechanical equipment in contact with dry material to dissipate the potential buildup of static electricity.

SECTION 6 - PHYSICAL HAZARDS

Stable? Yes

Conditions to Avoid: n/f

Incompatibilities: n/f

Decomposition Products: When heated to decomposition material emits toxic fumes. Emits toxic fumes under fire conditions.

Hazardous Polymerization? No

SECTION 7 - HANDLING / SPILL / DISPOSAL MEASURES

Handling:	As a general rule, when handling the material avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Wash thoroughly after handling.
Spill Response:	Wear approved respiratory protection, chemically compatible gloves and protective clothing. Wipe up spillage or collect spillage using a high efficiency vacuum cleaner. Avoid breathing dust. Place spillage in appropriately labelled container for disposal. Wash spill site.
Disposal:	Dispose of waste in accordance with all applicable Federal, State and local laws.
Storage:	Store in tight container. This material should be handled and stored per label instructions to ensure product integrity.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection:	When working with small quantities in a well-ventilated area, respiratory protection may not be required. The use of an approved dust mask is recommended.
Ventilation:	No special ventilation requirements.
Gloves:	Rubber
Eye Protection:	Safety Glasses
Protective Clothing:	Protect exposed skin.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	130° C
Boiling Point:	n/f
Specific Gravity:	1.12
Vapor Pressure:	< 1 mm Hg %
Volatile by Volume:	n/f
Vapor Density:	n/f
Solubility in Water:	Moderately soluble
Appearance and Odor:	White to off-white crystalline powder; slight preservative odor.
Evaporation Rate:	n/f
Reactivity in Water:	n/f