



Section 1. Product and Company Identification

Product Name Sucralose
CAS Number 56038-13-2

Parchem - fine & specialty chemicals
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CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Not a hazardous substance or mixture.

HMIS Rating

Health: 0
Flammability: 0
Reactivity: 0

NFPA Rating

Health: 0
Flammability: 0
Reactivity: 0

Section 3. Composition / Information on Ingredients

Common Name Sucralose
Synonym(s) 4,1',6'-trichloro-galacto-sucrose
Formula C₁₂H₁₉Cl₃O₈
CAS Number 56038-13-2

COMPONENT	CAS NUMBER	CONCENTRATION
Sucralose	56038-13-2	98 – 102%

Section 4. First Aid Measures

If used under ordinary circumstances no special treatment is necessary. Wash thoroughly after handling.

Oral Exposure: No special treatment required. Wash out mouth with water if needed.

Inhalation Exposure: No special treatment required. Move to fresh air if breathing becomes difficult.

Dermal Exposure: No special treatment required. Flush with copious amount of water if needed.



Eye Exposure: Flush with water if eyes become red and irritated.

Section 5. Firefighting Measures

Flash Point: N/A

Auto Ignition Temperature: N/A

Flammability: N/A

Stable under normal conditions. Dust Hazard Classification (NFPA-68), the formation of flammable/explosive air/dust mixture is possible. Special consideration should be taken to ensure the potential for dust concentration in the flammable range is minimized.

Firefighting

Suitable Extinguishing Media: Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Hazards: Emits toxic fumes under fire conditions.

Section 6. Accidental Release Measures

Procedure for Personal Precaution: Wear appropriate protective equipment

Methods for Cleaning Up: Sweep up, place in bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill area after material pickup is complete.

Section 7. Handling and Storage

Handling: Avoid creating dusty conditions. Worker exposure can be minimized if good industrial hygiene practices are utilized.

Storage: Store in a cool dry area and keep container tightly closed.

Section 8. Exposure Controls / Personal Protection

Engineering Controls: It is recommended that mechanical exhaust is utilized to minimize hazards contributed to dust explosions.

Personal Protective Equipment: Utilize appropriate PPE for handling of powders. Eye goggles, gloves and dust masks will create a more comfortable work environment.

General Hygiene Measures: Wash thoroughly after handling.

Section 9. Physical and Chemical Properties

Appearance: White to off-white solid powder

Odor: Practically odorless



Section 10. Stability and Reactivity

Stability: Stable under normal conditions.

Hazardous Decomposition Products: When heated at elevated temperatures may break down to carbon monoxide, carbon dioxide, and minor amounts of hydrogen sulfide gas.

Hazardous Polymerization: None

Section 11. Toxicological Information

Oral rat LD₅₀ > 10 g/kg; Oral mouse LD₅₀ > 16 g/kg. No mortality at the highest tested doses.

Section 12. Ecological Information

Sucralose is biodegradable and poses no risk to the environment.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

Sucralose is considered to be non-hazardous for ground, sea, and air transport.

Section 15. Regulatory Information

US Federal Regulatory Information: No components are listed as hazardous materials and/or present as defined in OSHA 29CFR 1910.1200

Designation according to EC Guidelines: This product is not subject to identification regulations under EC Directives.

Europe: There are no substances present within the product considered to be of Very High Concern (SVHC), or included on the "Candidate List" as defined by REACH. Polythene liner utilized as the Contact/Primary Packaging material is classified suitable for Food Grade use.

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 6/30/2015