

Section 1: Identification

Common Name/Trade Name	SUCRALFATE USP	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours)
Product Synonym(s)	Aluminum, hexadeca-mu-hydroxytetracosahydroxy(mu(sup 8)-(1,3,4,6-tetra-O-sulfo-beta-D-fructofuranosyl-alpha-D-glucopyranoside tetrakis(hydrogen sulfato)(8-)))hexadeca-	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Not a hazardous substance or mixture.
Signal Word	None
Hazard Statement(s)	N/A
Pictogram(s)	N/A
Precautionary Statement(s)	N/A
Hazards Not Otherwise Classified	No data available
Ingredient(s) with Unknown Toxicity	No data available

Section 3: Composition/Information on Ingredients

Chemical Name	Aluminum, hexadeca-mu-hydroxytetracosahydroxy(mu(sup 8)-(1,3,4,6-tetra-O-sulfo-beta-D-fructofuranosyl-alpha-D-glucopyranoside tetrakis(hydrogen sulfato)(8-)))hexadeca-
Common Name	Sucralfate
CAS Number	54182-58-0
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	No data available
If Inhaled	Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.
In Case of Skin Contact	Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.
In Case of Eye Contact	Remove contact lenses, if present Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice
If Swallowed	Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.
Most Important Symptoms and Effects	For symptoms and effects caused by the contained substances, see chap. 11.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.
Special Hazards Arising From the Substance/Mixture	Do not breathe combustion products. The product is combustible and, when the powder is released into the air in sufficient concentrations and in the presence of a source of ignition, it can create explosive mixtures with air. Fires may start or get worse by leakage of the solid product from the container, when it reaches high temperatures or through contact with sources of ignition.
Special PPE and/or Precautions for Firefighters	GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.
Methods and Materials Used for Containment	The product must not penetrate into the sewer system or come into contact with surface water or ground water.
Cleanup Procedures	Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

Section 7: Handling and Storage

Precautions for Safe Handling	Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.
Conditions for Safe Storage	Store only in the original container. Store in a well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Information not available. OEL SUGGESTED BY EUTICALS : 1 mg/mc OEL-KOREA: TWA 2 mg(Al)/m3, 2006 OEL-NEW ZEALAND: TWA 2 mg(Al)/m3, JAN2002 OEL-RUSSIA: STEL 2 mg/m3, JUN2003 (RTECS Database : last update : 10.2012).
Appropriate Engineering Controls	Work with adequate localised aspiration systems. Use of adequate technical measures should always take priority over personal protective equipment. Respect general rules of hygiene such as: storing work overalls separately from normal clothes; not smoking, eating and/or drinking outside the designated areas; washing hands before eating or smoking.
PPE - Eye/Face Protection	Wear airtight goggles, in compliance with applicable EN standards.
PPE - Skin Protection	Wear chemical protection overalls, in compliance with applicable EN standards. Wear chemical protection gloves, in compliance with applicable EN standards.
PPE - Body Protection	Wear chemical protection overalls, in compliance with applicable EN standards. Wear chemical protection gloves, in compliance with applicable EN standards.
PPE - Respiratory Protection	Wear facemask with P3 dust filter, in compliance with applicable EN standards.

Section 9: Physical and Chemical Properties

Appearance	Appearance: powder. Colour: white or almost white.
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Odorless
Vapor Pressure	Not available
Odor Threshold	Not available
Vapor Density	Not available
pH	Not available
Relative Density	Not available
Melting Point/Freezing Point	Not available
Solubility	insoluble in water
Initial Boiling Point and Boiling Range	Not available
Flash Point	Not available
Evaporation Rate	Not available
Flammability (Solid, Gas)	Not available
Partition Coefficient	Not available
Auto-Ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available

Section 10: Stability and Reactivity

Reactivity	There are no particular risks of reaction with other substances in normal conditions of use.
Chemical Stability	The product is stable in normal conditions of use and storage.
Possibility of Hazardous Reactions	No hazardous reactions are foreseeable in normal conditions of use and storage.
Conditions to Avoid	None in particular. However the usual precautions used for chemical products should be respected
Incompatible Materials	Information not available.
Hazardous Decomposition Products	Information not available.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 (Oral). > 12000 mg rat
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Irritation	No data available
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	No data available
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	No data available
Carcinogenicity OSHA	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

Section 12: Ecological Information

Toxicity	Information not available.
Persistence and Degradability	Information not available.
Bio-accumulative Potential	Information not available.
Mobility in Soil	Information not available.
Other Adverse Effects	Information not available.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. Solid residues may be suitable for disposal in an authorised landfill site.
Waste Treatment Methods Packaging	Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	Not dangerous goods
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	No data available

Section 15: Regulatory Information

Seveso category. None. Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. None. Substances in Candidate List (Art. 59 REACH). None. Substances subject to authorisation (Annex XIV REACH). None. Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008: None. Substances subject to the Rotterdam Convention: None. Substances subject to the Stockholm Convention: None. Healthcare controls. Information not available. Chemical safety assessment. No chemical safety assessment has been processed for the mixture and the substances it contains.

Section 16: Other Information

Additional Information	Molecular weight. 2086,82 Explosion class 0 (*) Explosion pressure 0 pMax (*) Pressure grade 0 dP/dt (*) Kst (bar*m/s) 0 (*) Minimum ignition temperature (MI) > 500 Å?Å° C (*) Minimum ignition energy (MIE) (mjoules) Estimated : > 1000 mJ (*) (*) Redox snc (Italy) - RP.075/13 No GxP .
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