


Section 1: Identification		
Common Name/Trade Name	Apple Flavor Powder	
Supplier Information	Letco Medical 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)	N/A	
Relevant Use(s) of Product	Flavoring	

Section 2: Hazards Identification	
Classification of Substance or Mixture	Skin Sens. 1 H317 May cause an allergic skin reaction.
Signal Word	Warning
Hazard Statement(s)	H317 May cause an allergic skin reaction
Pictogram(s)	
Precautionary Statement(s)	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN Wash with soap and water. P313+P332 Get medical advice/attention. If skin irritation occurs P363 Wash contaminated clothing before reuse. P501 Dispose of contents/container to an approved waste disposal plant.
Hazards Not Otherwise Classified	Results of PBT and vPvB assessment · PBT: Not applicable. · vPvB: Not applicable.
Ingredient(s) with Unknown Toxicity	No data available

Section 3: Composition/Information on Ingredients		
Chemical Name	N/A	
Common Name	Apple Flavor Powder	
CAS Number	N/A	
Additional Ingredient Information	123-92-2 isopentyl acetate ? Flam. Liq. 3, H226 0.1-<2.5% 5392-40-5 Citral Skin Irrit. 2, H315; Skin Sens. 1, H317 0.1-<1%	
Material	Percent	CAS
Precipitated silica (Silica-Amorphous)	0.1-<2.5%	112926-00-8
isopentyl acetate	0.1-<2.5%	123-92-2
Citral	0.1-<1%	5392-40-5
Impurities and/or Stabilizing Additives	N/A	

Section 4: First Aid Measures	
General Advice	No further relevant information available.
If Inhaled	Supply fresh air; consult doctor in case of complaints.
In Case of Skin Contact	Generally the product does not irritate the skin.
In Case of Eye Contact	Rinse opened eye for several minutes under running water.
If Swallowed	If symptoms persist consult doctor.
Most Important Symptoms and Effects	No further relevant information available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Suitable extinguishing agents: CO ₂ , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special Hazards Arising From the Substance/Mixture	No further relevant information available.
Special PPE and/or Precautions for Firefighters	No special measures required.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Not required.
Methods and Materials Used for Containment	Pick up mechanically.
Cleanup Procedures	Do not allow to enter sewers/ surface or ground water. Pick up mechanically.

Section 7: Handling and Storage

Precautions for Safe Handling	No special precautions are necessary if used correctly.
Conditions for Safe Storage	Conditions for safe storage, including any incompatibilities · Storage: · Requirements to be met by storerooms and receptacles: No special requirements. · Information about storage in one common storage facility: Not required. · Further information about storage conditions: None.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Components with limit values that require monitoring at the workplace: 112926-00-8 Precipitated silica (Silica-Amorphous) PEL 20mppcf or 80mg/m ³ /%SiO ₂ REL Long-term value: 6 mg/m ³ See Pocket Guide App. C TLV TLV withdrawn 123-92-2 isopentyl acetate PEL Long-term value: 525 mg/m ³ , 100 ppm REL Long-term value: 525 mg/m ³ , 100 ppm TLV Short-term value: 532 mg/m ³ , 100 ppm Long-term value: 266 mg/m ³ , 50 ppm
Appropriate Engineering Controls	Wash hands before breaks and at the end of work.
PPE - Eye/Face Protection	Not required.
PPE - Skin Protection	Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation · Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. · Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
PPE - Body Protection	Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation · Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. · Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
PPE - Respiratory Protection	Not required.

Section 9: Physical and Chemical Properties

Appearance	Solid
Upper/Lower Flammability or Explosive Limits	Not determined.
Odor	characteristic
Vapor Pressure	Not applicable.
Odor Threshold	Not determined
Vapor Density	Not applicable
pH	Not applicable
Relative Density	Not determined
Melting Point/Freezing Point	Undetermined
Solubility	Insoluble in water
Initial Boiling Point and Boiling Range	Undetermined
Flash Point	Not applicable
Evaporation Rate	Not applicable
Flammability (Solid, Gas)	Not determined
Partition Coefficient	Not determined
Auto-Ignition Temperature	Product is not self igniting
Decomposition Temperature	Not determined
Viscosity	Not applicable

Section 10: Stability and Reactivity

Reactivity	No dangerous reactions known.
Chemical Stability	No data available
Possibility of Hazardous Reactions	No dangerous reactions known.
Conditions to Avoid	No further relevant information available.
Incompatible Materials	No further relevant information available.
Hazardous Decomposition Products	No dangerous decomposition products known.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	No data available
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	No irritant effect.
Serious Eye Damage/Irritation	No irritating effect.
Respiratory or Skin Sensitization	No sensitizing effects known.
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	112926-00-8 Precipitated silica (Silica-Amorphous)
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	None of the ingredients is listed.
Carcinogenicity OSHA	None of the ingredients is listed.
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	No further relevant information available.
Persistence and Degradability	No further relevant information available.
Bio-accumulative Potential	No further relevant information available.
Mobility in Soil	No further relevant information available.
Other Adverse Effects	General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. · Results of PBT and vPvB assessment · PBT: Not applicable. · vPvB: Not applicable. · Other adverse effects No further relevant information available.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Waste Treatment Methods Packaging	Disposal must be made according to official 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

· Safety, health and environmental regulations/legislation specific for the substance or mixture · Sara · Section 355 (extremely hazardous substances): None of the ingredients is listed. · Section 313 (Specific toxic chemical listings): None of the ingredients is listed. · TSCA (Toxic Substances Control Act): All ingredients are listed. · Proposition 65 · Chemicals known to cause cancer: None of the ingredients is listed. · Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed. · Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed. · Chemicals known to cause developmental toxicity: None of the ingredients is listed. · Carcinogenic categories · EPA (Environmental Protection Agency) None of the ingredients is listed. · TLV (Threshold Limit Value established by ACGIH) None of the ingredients is listed. · NIOSH-Ca (National Institute for Occupational Safety and Health) None of the ingredients is listed. · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

Section 16: Other Information

Prepared By	Scarlotte Smith
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