



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Sucrose NF (Extra Fine Granular)

30-5010

Section 1: Identification

Product Name Sucrose NF (Extra Fine Granular)

Commercial Name Sucrose Granulated Sugar

Product Use N/A

Restrictions On Use N/A

Product Code 30-5010

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Combustible Dust.

CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) MAY FORM COMBUSTIBLE DUST CONCENTRATIONS IN AIR.

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Proper grounding procedures to avoid static electricity should be followed. Avoid generating dust. Prevent dust accumulation (to minimize explosion hazard).
Response	Not available
Storage	Not available.
Disposal	Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance

Components Sucrose

% By Weight 100

CAS# 57-50-1

Molecular Weight N/A

Chemical Formula C₁₂H₂₂O₁₁

Synonym(s) N/A

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Sucrose	57-50-1	100	N/A	N/A

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Section 4: First-Aid Measures

Inhalation	Using proper respiratory protection, immediately move the exposed person to fresh air. Obtain medical attention if breathing difficulty persists.
Skin Contact	Obtain medical attention if irritation develops or persists.
Eye Contact	Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if redness, pain, or irritation occurs.
Ingestion	This product is intended for food use. Ingestion is not expected to be harmful.
Symptoms/Effects	
Acute	N/A
Delayed	N/A

Immediate Medical Attention

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media

Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Products of Combustion

Fire Hazard: Combustible Dust. Explosion Hazard: Dust explosion hazard in air. Reactivity: Hazardous reactions will not occur under normal conditions.

Firefighters Special Equipment and Precautions

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Firefighting Instructions: Use water spray or fog for cooling exposed containers. Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Hazardous Combustion Products: Thermal decomposition generates: Carbon oxides (CO, CO₂). Other Information: Risk of dust explosion.

Section 6: Accidental Release Measures

General Measures: Avoid prolonged contact with eyes, skin and clothing. Avoid generating dust. Avoid breathing dust. Remove ignition sources. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. For Non-Emergency Personnel: Protective Equipment: Use appropriate personal protective equipment (PPE). Emergency Procedures: Evacuate unnecessary personnel. For Emergency Personnel: Protective Equipment: Equip cleanup crew with proper protection. Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area. Environmental Precautions: Prevent entry to sewers and public waters. Methods and Materials for Containment and Cleaning Up: For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. Avoid generation of dust during clean-up of spills. Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Use explosion proof vacuum during cleanup, with appropriate filter. Do not mix with other materials. Use only non-sparking tools. Contact competent authorities after a spill.

Section 7: Handling and Storage

Precautions for Safe Handling Additional Hazards When Processed: Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations. Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid creating or spreading dust. Avoid breathing dust. Keep away from heat, sparks, open flames, hot surfaces. – No smoking. Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Conditions for Safe Storage, Including Any Incompatibilities Technical Measures: Comply with applicable regulations. Avoid creating or spreading dust. Use explosion-proof electrical, ventilating, lighting equipment. Proper grounding procedures to avoid static electricity should be followed. Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Incompatible Materials: Strong acids, strong bases, strong oxidizers. Sulfuric acid. Nitric acid.

Section 8: Exposure Controls/Personal Protection**Exposure Limits**

USA ACGIH ACGIH TWA (mg/m³) 10 mg/m³ USA ACGIH ACGIH chemical category Not Classifiable as a Human Carcinogen USA OSHA OSHA PEL (TWA) (mg/m³) 15 mg/m³ (total dust) 5 mg/m³ (respirable fraction) USA NIOSH NIOSH REL (TWA) (mg/m³) 10 mg/m³ (total dust) 5 mg/m³ (respirable dust)

Engineering Controls

Emergency eye wash fountain capability should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Use local exhaust or general dilution ventilation or other suppression methods to maintain dust levels below exposure limits. Power equipment should be equipped with proper dust collection devices. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment.

Personal Protection

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection. Materials for Protective Clothing: Chemically resistant materials and fabrics. Hand Protection: Wear protective gloves. Eye Protection: Chemical safety goggles. Skin and Body Protection: Wear suitable protective clothing. Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection. Other Information: When using, do not eat, drink or smoke

Section 9: Physical and Chemical Properties

Appearance	Dry powder, granules Solid		
Odor	Not available.		
Odor Threshold	N/A		
Melting Point	Not available	pH	Not available
Freezing Point	N/A	Vapor Pressure	N/A
Boiling Point/Range	N/A	Vapor Density	N/A
Decomposition temperature	Not available	Viscosity	N/A
Partition Coefficient: n-octanol/water	N/A	Evaporation Rate	N/A
Flash Point	N/A	Autoignition temperature	N/A
Flammability	N/A	Flammability or Explosive Limits:	
		Lower	N/A
		Upper	N/A
Solubility(ies)	Not available		
Other	N/A		

Section 10: Stability and Reactivity

Reactivity	Hazardous reactions will not occur under normal conditions.
Chemical Stability	Stable under recommended handling and storage conditions
Hazardous Polymerization	Hazardous polymerization will not occur.
Conditions to Avoid	Direct sunlight, extremely high or low temperatures, and incompatible materials. Sparks, heat, open flame and other sources of ignition. Dust accumulation (to minimize explosion hazard).
Incompatible Materials	Strong acids, strong bases, strong oxidizers. Sulfuric acid. Nitric acid
Hazardous Decomposition Products	None under normal storage conditions

Section 11: Toxicological Information

RTECS	N/A
Acute Toxicity	
Acute Toxicity (Oral): Not classified Acute Toxicity (Dermal): Not classified Acute Toxicity (Inhalation): Not classified LD50 and LC50 Data: Not available	
Skin Corrosion/Irritation	
Prolonged exposure may cause skin irritation.	
Serious Eye Damage/Irritation	
May cause slight irritation to eyes.	
Respiratory or Skin Sensitization	
Dust may be harmful or cause irritation.	
Germ Cell Mutagenicity	
N/A	
Carcinogenicity	
No	
Reproductive Toxicity	
N/A	
Routes of Entry	
Inhalation. Skin. Eye.s	



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Symptoms Related to Exposure

Repeated or prolonged contact with skin may cause dermatitis.

Potential Health Effects

N/A

Target Organ(s) N/A

Section 12: Ecological Information

Ecotoxicity

N/A

Persistence and Degradability

N/A

Bioaccumulative Potential

N/A

Mobility in Soil

N/A

Other Adverse Effects

N/A

Section 13: Disposal Considerations

Waste Disposal

Dispose of contents/container in accordance with local, regional, provincial, territorial, national, and international regulations

Disposal of Container

Container may remain hazardous when empty. Continue to observe all precautions

Other Considerations

Avoid release to the environment.

Section 14: Transport Information

DOT Classification

In Accordance with DOT Not regulated for transport

Section 15: Regulatory Information

Regulations

Granulated Sugar (57-50-1) SARA Section 311/312 Hazard Classes Fire hazard Sudden release of pressure hazard Sucrose (57-50-1) Listed on the United States TSCA (Toxic Substances Control Act) inventory 15.2. US State Regulations Sucrose (57-50-1) U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) List 15.3. Canadian Regulations Sucrose (57-50-1) Listed on the Canadian DSL (Domestic Substances List)

Other

N/A

Section 16: Other Information

N/A