



Safety Data Sheet

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

Cholesterol NF

30-1203

Section 1: Identification

Product Name Cholesterol NF

Commercial Name Not available.

Product Use Not available

Restrictions On Use Not available

Product Code 30-1203

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: Not available
CFR 1910.1200

Signal Word NON-HAZARDOUS

Hazard Statement(s) Not available.

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention	Not available
Response	Not available
Storage	Not available
Disposal	Not available

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance

Components Cholesterol

% By Weight >=95

CAS# 57-88-5

Molecular Weight 386.67 g/mole

Chemical Formula C₂₇H₄₆O

Synonym(s) Cholest-5-en-3beta-ol

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Cholesterol	57-88-5	100	Not available.	Not available.

Section 4: First-Aid Measures

Inhalation	Provide fresh air. In case of respiratory tract irritation, consult a physician.
Skin Contact	Brush off loose particles from skin. Rinse skin with water/shower. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
Eye Contact	Do not rub eyes. Mechanical stress can cause damage to the cornea. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Rinse mouth with water (only if the person is conscious). Call a doctor if you feel unwell.
Symptoms/Effects	
Acute	May cause eye irritation.
Delayed	May cause eye irritation.
Immediate Medical Attention	
Treat symptomatically.	

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

Foam; Dry extinguishing powder; Carbon dioxide (CO₂); Water spray; Sand

Unsuitable Extinguishing Media

Water jet.

Products of Combustion

Product is combustible, not readily flammable. Danger of dust explosion. Hazardous combustion products: Carbon monoxide (CO). Carbon dioxide (CO₂).

Firefighters Special Equipment and Precautions

Keep containers cool with water spray. Do not allow firefighting water to enter drains or water courses. Avoid dust formation. Special protective equipment for firefighters: Self-contained breathing apparatus (SCBA). Use suitable breathing apparatus. Standard protective clothing for firefighters.

Section 6: Accidental Release Measures

For non emergency personnel: Control of dust. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Evacuate area. Do not breathe dust. Ventilate affected area. For emergency responders: Use personal protective equipment as required. Environmental precautions: Keep away from drains, surface and ground water. If substance has entered a water course or sewer, inform the responsible authority. Methods and material for containment and cleanup: Advice on how to contain a spill, cover the drains, take up mechanically, place in appropriate containers for disposal, and ventilate affected area. Reference to other sections: Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

Section 7: Handling and Storage

Safe handling: Measure to prevent fire as well as aerosol and dust generation- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Avoid dust formation. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Personal protective equipments: see section 8. Specific notes/details- Layers, deposits and heaps of combustible dust must be considered, like any other source which can form a hazardous explosive atmosphere. Dust deposits may accumulate on all deposition surfaces in a technical room. Danger of dust explosion. Advice on general occupational hygiene: Do not eat, drink, and smoke in work areas. Wash hands after use. Wash contaminated clothing before reuse. Safe storage: Explosive atmospheres- Keep container closed when not in use. Flammability hazards- Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Control of effects: Protect against external exposure, such as high temperatures and UV-radiation/sunlight. Consideration of other advice: Store in a well-ventilated place. Keep container tightly closed. Ventilation requirements- Keep only in the original container in a cool, well-ventilated place. Packaging compatibilities- Plastic packaging: PVC: polyvinyl chloride; PE: polyethylene

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Chronic inhalatory or dermal level will cause systemic effects.
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Engineering Controls

Appropriate engineering controls: general ventilation. Provide eyewash stations and safety showers at the workplace. Environmental exposure controls: Take appropriate precautions to avoid uncontrolled release into the environment. Keep away from drains, surface and ground water.

Personal Protection

Individual protection measures (personal protective equipment): Eye/face protection- Use safety goggles with side protection, Skin protection- Chemical protective clothing, Hand protection- Wear suitable gloves. The selection of the suitable gloves does not only depend on the material, but also on other quality characteristics and varies from manufacturer to manufacturer. Nitrile rubber gloves are the recommended type of material, Breakthrough time of the glove material- Use gloves with a minimum breakthrough time of the glove material > 10 minutes (permeation: level 1), Other protection measures- Take recovery periods for skin regeneration. Preventative skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling, Respiratory protection- P1 (filters at least 80% of airborne particles, color code: White)

Section 9: Physical and Chemical Properties**Appearance** White. Solid. Powder. Crystalline.**Odor** Characteristic**Odor Threshold** Not available**Melting Point** 296.6 - 302 °F (147 - 150 °C)**Freezing Point** Not available**Boiling Point/Range** Not determined**Decomposition temperature** >200 C**Partition Coefficient:**
n-octanol/water (log value) 8**Flash Point** Not applicable.**Flammability** This material is combustible,**pH** Not applicable**Vapor Pressure** Not determined.**Vapor Density** Not available.**Viscosity** Not available**Evaporation Rate** Not available**Autoignition temperature** Not determined.**Flammability or Explosive Limits:****Lower** Not relevant**Upper** Not relevant**Solubility(ies)** Water solubility: <0.01 mg/l**Other** Density 1.05 g/cm3 at 20 C**Section 10: Stability and Reactivity****Reactivity** The material is not reactive under normal ambient conditions.**Chemical Stability** The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.**Hazardous Polymerization** No known hazardous reactions.**Conditions to Avoid** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**Incompatible Materials** No additional information.**Hazardous Decomposition Products** Hazardous combustion products: see section 5.**Section 11: Toxicological Information****RTECS****Acute Toxicity**

Shall not be classified as acutely toxic. Dermal LD50 Rat > 2000 mg/kg Oral LD50 Rat > 2000 mg/kg

Skin Corrosion/Irritation

Shall not be classified as such.

Serious Eye Damage/Irritation

Shall not be classified as such.

Respiratory or Skin Sensitization

Shall not be classified as such.

Germ Cell Mutagenicity

Shall not be classified as such.

Carcinogenicity

Shall not be classified as such.

Reproductive Toxicity

Shall not be classified as such.

Routes of Entry

Not available



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Symptoms Related to Exposure

Shall not be classified as such.

Potential Health Effects

Shall not be classified as such.

Target Organ(s) Shall not be classified as such.

Section 12: Ecological Information

Ecotoxicity

Not available.

Persistence and Degradability

Process: Oxygen depletion, Degredation rate: 74%, Time: 28d

Bioaccumulative Potential

The bioaccumulation potential is low.

Mobility in Soil

Low mobility.

Other Adverse Effects

Avoid release to the environment.

Section 13: Disposal Considerations

Waste Disposal

Dispose of water contents/container is accordnce with local/regional/national/international regulations. Avoid release into the environment.

Disposal of Container

Handle contaminated packages in the same way as the substance itself.

Other Considerations

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separatley by the local or national waste management faciitiities.

Section 14: Transport Information

DOT Classification

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information

Regulations

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312). Components present in this product at a level which could require reporting under the statute are: NONE Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual report release of toxic chemicals that appear in 40 CFR 372 (used for SARA 313). This information must be included in all MSDSs that are copied and distributed for this material. Components present in this product at a level which could require reporting under the statute are: NONE;Pensylvania Right-To-Know, Hazardous substance List, Hazardous Substances and Special hazardous Substances on the list must be identified when present in products. Components present in this product at a level which could require reporting under the statute are: NONE Massachusetts Right-To-Know, Substance List (MSL) Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products. Components present in this product at a level which could require reporting under the statute are: NONE Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal or greater than the reportable quantities (RQs) in 40 CFR 302.4. Components present in this product at a level which could require reporting under the statute are: NONE

Other

WHMIS Not controlled under WHMIS (Canada). (Canada);DSCL (EEC);Lab coat.;Vapor respirator. Be sure to use an approved/certified respirator or equivalent.;Safety glasses.



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Section 16: Other Information

Distribute new edition to clients. DISCLAIMER OF LIABILITY: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product. For this product it is not legally required to provide an SDS under Article 31 of the REACH Regulation, because the product is not classified as hazardous. This document is prepared as a voluntary and additional service to provide general safety information.