

# MATERIAL SAFETY DATA SHEET

AFFYMETRIX – ANATRACE  
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CHEMICAL EMERGENCY (24 HR)  
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**Chemtrec Account# 23532**  
Effective Date: 11/06/2002 Revised: 07/15/2004

## SECTION 1. ----- CHEMICAL IDENTIFICATION -----

**NAME: CHOLESTEROL**

**PRODUCT #: CH200**

## SECTION 2. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

CAS #: 57-88-5 / HS #: 2906.13.50

Ingredients not precisely identified are proprietary and nonhazardous. All ingredients appear on the EPA TSCA Inventory. Values are not product specifications.

## SECTION 3. ----- HAZARDS IDENTIFICATION -----

This product does not contain any hazardous ingredients.

General: Dust may be an irritant.

Ingestion: Acute oral LD50:>5 g/kg (white rats)

Eye contact: May cause eye irritation. Mild transient irritant when tested according to method 16 CFR 1500.42. Does not cause destruction of tissue in the eye of the albino rabbit by method 16 CFR 1500.42.

Skin contact: May cause skin irritation.

Skin absorption: Not detected.

Inhalation: Inhalation of powder or dust may cause irritation.

Other effects of overexposure: None known.

## SECTION 4. ----- FIRST-AID MEASURES -----

Skin: Remove contaminated clothing. Wash the affected area with plenty of soap and water. If irritation develops, consult a physician.

Eyes: Immediately flush eyes with plenty of water for 15 minutes. Call a physician.

Ingestion: See a physician. **(Never give anything by mouth to an unconscious person).**

Inhalation: Remove to fresh air. If cough develops, see a physician.

## SECTION 5. ----- FIRE FIGHTING MEASURES -----

Flash point (and method): >400°F (Cleveland Open Cup)

Autoignition temperature: Not determined.

Flammable limits (STP): Not determined.

Extinguishing media: Foam, carbon dioxide, water or dry chemicals.

Special fire fighting protective equipment: Firefighters should use positive pressure self-contained breathing apparatus.

Unusual fire and explosion hazards: None.

## SECTION 6. ----- ACCIDENTAL RELEASE MEASURES -----

Steps to be taken in case material is released or spilled: Vacuum or sweep into closed container for disposal. Use care to avoid dust generation. Wear a NIOSH respirator approved for nuisance dust if conditions exist where dust is possible. Wash area with soap and water.

## SECTION 7. ----- EXPOSURE CONTROLS/PERSONAL PROTECTION -----

Precautions to be taken in handling and storing: Avoid breathing dust. Open, handle and use under well ventilated conditions. Wash thoroughly after handling. Store in cool, dry place in well closed light resistant containers.

TLV or suggested control value: Subcutaneous, mouse: 600 mg/kg/1

Ventilation: Handle in the presence of adequate mechanical ventilation.

Respiratory protection (specify type): Wear NIOSH respirator approved for nuisance dust.

Eye protection: Wear monogoggles suitable for keeping dust out of the eyes.

Other protective equipment: Eye wash station and safety shower in work area.

## SECTION 8. ----- PHYSICAL AND CHEMICAL PROPERTIES -----

Boiling point: Deomposes @ 360°C Solubility in water: Insoluble

Vapor pressure: <1

% Volatile by volume: <1

Vapor density: >1

Appearance: White granules or powder.

Specific gravity: 1.067

## SECTION 9. ----- STABILITY AND REACTIVITY -----

Stability: Stable

Incompatibility (materials to avoid): Excess exposure to heat, light and air.

Hazardous polymerization: Will not occur. Decomposition of organic materials may produce oxides of carbon.

## SECTION 10. ----- DISPOSAL CONSIDERATIONS -----

Disposal Method: Remove to landfill or incinerate in accordance with Federal, State and Local regulations.

Container Disposal: Puncture or otherwise destroy empty container before disposal.

## SECTION 11. ----- COMMENTS -----

The absence of hazard, toxicity or other information does not imply or guarantee that a product is safe. Handle all chemicals with due and appropriate caution and under competent supervision. Minimize exposure and contact. Use good manufacturing or laboratory practices.

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