Section 1. Product and Company Identification

**Product Name**: Cholesterol  
**Product ID**: C2957  
**Chemical Name (Synonyms)**: Chloesterin; Cholesterine; Cordulan; Dusoline; Dusoran; Dythol; Hydrocerin.  
**Supplier**: LKT Laboratories, Inc  
545 Phalen Blvd.  
St. Paul, MN 55130 USA  
Ph: 651-644-8424 Fax: 651-644-8357  
www.lktlabs.com - getinfo@lktlabs.com  
**Emergency Phone #**: 1-800-424-9300

Section 2. Hazards Identification

**GHS Classification**: Not a hazardous substance or mixture.

GHS Label elements including precautionary statements

**Pictogram**

**Signal word**

**Hazard and precautionary statements**

**Hazard statement**: Not a hazardous substance or mixture.  
**Precautionary statement**: Not a hazardous substance or mixture.

**HMIS Classification**

Health hazard: 0  
Chronic health hazard: 0  
Flammability: 0  
Physical hazard: 0

**NFPA Rating**

Health hazard: 0  
Fire hazard: 0  
Reactivity hazard: 0

**Potential Health Effects**

Inhalation - May be harmful if inhaled. May cause respiratory tract irritation.  
Skin - May be harmful if absorbed through skin. May cause skin irritation.  
Eyes - May cause eye irritation.
Ingestion - May be harmful if swallowed.

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**Section 3. Composition/Information on Ingredients**

<table>
<thead>
<tr>
<th>Substances</th>
<th>Ingredient: Title Compound</th>
<th>Percent: 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formula</td>
<td>C_{27}H_{46}O</td>
<td>386.65</td>
</tr>
<tr>
<td>CAS No.</td>
<td>57-88-5</td>
<td>EC No. 200-353-2</td>
</tr>
</tbody>
</table>

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**Section 4. First Aid Measures**

**General advice**
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**Eye Contact**
Flush eyes with water as a precaution.

**Skin Contact**
Wash off with soap and plenty of water.

**Inhalation**
If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**Ingestion**
Never give anything by mouth to an unconscious person. Rinse mouth with water.

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**Section 5. Firefighting Measures**

**Flash Point**
Not available.

**Extinguishing Media**
Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

**Firefighting Procedures**
Wear self-contained breathing apparatus for firefighting if necessary.

**Unusual Fire Hazards**
Carbon oxides.

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**Section 6. Accidental Release Measures**

**Personal Precautions**
Avoid dust formation. Avoid breathing vapors, mist, or gas.

**Environmental Precautions**
No special environmental precautions required.

**Methods and materials for containment and cleanup**
Sweep up and shovel. Keep in suitable, closed containers for disposal.

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**Section 7. Handling and Storage**

**Handling**
Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust if formed.

**Storage Conditions**
Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: Ambient

**Hazardous Decomposition Products**
Not available.

**Other Remarks**
Storage class (TRGS 510): Non combustible solids.
Section 8. Exposure Controls/Personal Protection

Personal protective equipment
EXPOSURE CONTROLS
Contains no substances with occupational exposure limit values.
General industrial hygiene practice.

PERSONAL PROTECTION
Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Full and splash contact - Material: Nitrile rubber, Minimum layer thickness: 0.11 mm, Break through time: 460 min., Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M).
Body protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9. Physical and Chemical Properties

Physical State: Solid
Color: White plate crystalline powder.
Boiling Point: 360˚C
Melting Point: 148.5˚C
Solubility: Practically insoluble in water. Soluble in benzene, petroleum ether, ether, chloroform or oils. Slowly dissolves in ethanol (10 mg/mL).
Flash Point: Not available.
Lower explosion limit: Not available.
Upper explosion limit: Not available.
Water solubility: Practically insoluble in water. 0.00003 g/l at 20˚C - OECD Test Guideline 105 - insoluble.
Partition coefficient: n-octanol/water
log Pow: 8.74
Relative vapor density: Not available.

Section 10. Stability and Reactivity

Stability: Stable under recommended storage conditions.

Materials To Avoid: Strong oxidizing agents.

Hazardous Decomposition Products: Not available.
Section 11. Toxicological Information

Oral LD50 Not available.

Inhalation LC50 Not available.

Dermal LD50 Rat - male and female - > 2,000 mg/kg (OECD Test Guideline 402)

Other information on acute toxicity Not available.

Reproductive Toxicity Not available.

Specific organ toxicity single exposure (GHS) Not available.

Specific organ toxicity repeated exposure (GHS) Not available.

Teratogenicity Not available.

Skin corrosion/irritation Not available.

Serious eye damage/irritation Eyes - Rabbit

Result: No eye irritation - 24 h (OECD Test Guideline 405)

Respiratory or skin sensitization Mouse

Result: Does not cause skin sensitization. (OECD Test Guideline 429)

Germ cell mutagenicity Ames test

Salmonella typhimurium

Result: negative

Aspiration Hazard Not available.

Synergistic effects Not available.

Additional Information RTECS: FZ8400000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potential Health Effects Inhalation - May be harmful if inhaled. May cause respiratory tract irritation.

Skin - May be harmful if absorbed through skin. May cause skin irritation.

Eyes - May cause eye irritation.

Ingestion - May be harmful if swallowed.

Carcinogenicity This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Cholesterol)

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Section 12. Ecological Information

Toxicity Not available.

Mobility in soil Not available.

PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not
Section 13. Disposal Considerations

Waste Disposal
Dispose of material according to all federal, state, and local regulations.
Offer material to a licensed, professional waste disposal company to dispose of as unused product.

Persistence and degradability
Biodegradability: aerobic - Exposure time 28 d
Result: 74% - Inherently biodegradable.

Bioaccumulative potential
Not available.

Other adverse effects
Not available.

Section 14. Transport Information

DOT (US) Not dangerous goods.
IATA Not dangerous goods.
IMDG Not dangerous goods.

Further Information

Section 15. Regulatory Information

Reach No.

SARA 302 Components
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Components
No SARA hazards.

Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components
Cholesterol CAS#: 57-88-5 Revision Date:

New Jersey Right To Know Components
Cholesterol CAS#: 57-88-5 Revision Date:

California Prop 65 Components
This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16. Other Information

Other information
The information in this document is believed to be correct but is not necessarily complete. LKT does not guarantee the accuracy of the information. The burden of verifying the information in this document rests solely upon the user.
For emergencies in the USA, call CHEMTREC 800-424-9300