

## 1 - Product and Company Information

ProductName LEUKOTRIENE C4

## 2 - Hazards Identification

### SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT

Highly flammable. Toxic by inhalation, in contact with skin and if swallowed. Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

## 3 - Composition/Information on Ingredients

Product Name	CAS #	EC no	Annex I
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LEUKOTRIENE C4, IN METHANOL SOLUTION	None	None	None
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Ingredient Name	Percent	CAS #	EC no	Annex I
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METHANOL >= 99.67-56-1 200-659-6				None
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Symbols: F-T

R-Phrases: 11-23/24/25-39/23/24/25

Highly flammable. Toxic by inhalation, in contact with skin and if swallowed. Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

Molecular Weight 625.8 AMU

Synonyms Leukotriene C \* Leukotriene C(sub 1) \*  
Leukotriene C(sub 4) \* LTC (sub 4) \*  
5S,6R-Ltc(sub 4)

## 4 - First Aid Measures

### AFTER INHALATION

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

### AFTER SKIN CONTACT

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

### AFTER EYE CONTACT

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

### AFTER INGESTION

If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately.

## 5 - Fire Fighting Measures

### EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

### SPECIAL RISKS

Specific Hazard(s): Flammable liquid. Emits toxic fumes under fire conditions.  
Explosion Hazards: Vapor may travel considerable distance to source of ignition and flash back. Container explosion may occur under fire conditions.

### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## 6 - Accidental Release Measures

### PERSONAL PRECAUTION PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR SPILL

Evacuate area. Shut off all sources of ignition.

### PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

### METHODS FOR CLEANING UP

Cover with dry-lime, sand, or soda ash. Place in covered containers using non-sparking tools and transport outdoors. Ventilate area and wash spill site after material pickup is complete.

## 7 - Handling and Storage

### HANDLING

Directions for Safe Handling: Do not breathe vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

### STORAGE

Conditions of Storage: Keep container closed. Keep away from heat, sparks, and open flame.

Store at -20°C

## 8 - Exposure Controls / Personal Protection

### ENGINEERING CONTROLS

Safety shower and eye bath. Use nonsparking tools. Use only in a chemical fume hood.

### GENERAL HYGIENE MEASURES

Wash contaminated clothing before reuse. Wash thoroughly after handling.

### PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Use supplied-air or SCBA respirators. Europe permits the use of type AXBÉK full-face cartridge respirators (EN 14387). Hand Protection: Compatible chemical-resistant gloves. Eye Protection: Chemical safety goggles.

## 9 - Physical and Chemical Properties

Appearance	Physical State: Liquid	At Temperature or Pressure
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Property	Value	
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pH	N/A	
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BP/BP Range	64.0 - 65.0 °C	760 mmHg
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MP/MP Range	N/A	
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Flash Point	11 °C	Method: closed cup
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Flammability	N/A	
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Autoignition Temp	385 °C	
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Oxidizing Properties	N/A	
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Explosive Properties	N/A	
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Explosion Limits	Lower: 6 % Upper: 36 %	
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Vapor Pressure	97.68 mmHg	20 °C
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Partition Coefficient	N/A	
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Viscosity	N/A	
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Vapor Density	N/A	
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Saturated Vapor Conc.	N/A	
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Evaporation Rate	N/A	
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Bulk Density	N/A	
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Decomposition Temp.	N/A	
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Solvent Content	N/A	
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Water Content	N/A	
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Surface Tension	N/A	
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Conductivity	N/A	
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Miscellaneous Data	N/A	
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Solubility	N/A	
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