LKT Laboratories, Inc.

Safety Data Sheet

Section 1. Product and Company Identification

Product Name: Etoricoxib
Product ID: E7858
Chemical Name
(Synonyms)

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
Acute toxicity, Oral (Category 4), H302
Acute toxicity, Skin (Category 2), H310

GHS Label elements including precautionary statements

Pictogram

Signal word: Danger

Hazard and precautionary statements
H302 - Harmful if swallowed.
H310 - Fatal in contact with skin.
Precautionary statements
P262 - Do not get in eyes, on skin, or on clothing.
P264 - Wash skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/ protective clothing.
P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P302 + P350 - IF ON SKIN: Gently wash with plenty of soap and water.
P310 - Immediately call a POISON CENTER or doctor/physician.
P322 - Specific measures (see supplemental first aid instructions on this label).
P330 - Rinse mouth.
P360 - Remove or take off immediately all contaminated clothing.
P363 - Wash contaminated clothing before reuse.
P405 - Store locked up.
P501 - Dispose of contents and container to an approved waste disposal plant.

HMIS Classification
Health hazard: 3
Chronic health hazard: 0
Flammability: 0
Physical hazard: 0

NFPA Rating
Health hazard: 3
Fire hazard: 0
Reactivity hazard: 0

Potential Health Effects
Inhalation - May be harmful if inhaled. May cause respiratory irritation.
Skin - Acute toxicity. Fatal in contact with skin.
Eyes - May cause eye irritation.
Section 3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Substances</th>
<th>Formula Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formula</td>
<td>358.84</td>
</tr>
<tr>
<td>CAS No.</td>
<td>202409-33-4</td>
</tr>
</tbody>
</table>

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. Take victim immediately to hospital. Consult a physician.

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

Ingestion
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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, nitrogen oxides (NOx), sulfur oxides, hydrogen chloride gas.

Section 6. Accidental Release Measures

Personal Precautions
Wear respiratory protection. Avoid dust formation. Avoid breathing dust, vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental Precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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

Section 7. Handling and Storage

Handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is 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
Ingestion - Acute toxicity. Harmful if swallowed.
Section 8. Exposure Controls/Personal Protection

Personal protective equipment
EXPOSURE CONTROLS
Contains no substances with occupational exposure limit values.
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

PERSONAL PROTECTION
Eye/face protection: Face shield and safety glasses. 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 must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Body protection: Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as as NIOSH (US) or CEN (EU).

Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Melting Point</th>
<th>Solubility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid.</td>
<td>134-135˚C</td>
<td>Freely soluble in methanol, tetrahydrofuran, dimethyl sulfoxide, methyl ethyl ketone, dimethyl formamide, and chloroform. Slightly soluble in isopropyl acetate, ethanol &amp; toluene, sparingly soluble in 2-propanol, &amp; practically insoluble in water.</td>
</tr>
<tr>
<td>Color</td>
<td>White to off-white powder.</td>
<td></td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Density</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Volatility</td>
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<td></td>
</tr>
<tr>
<td>pH</td>
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<td></td>
</tr>
<tr>
<td>Ignition</td>
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<td></td>
</tr>
<tr>
<td>temperature</td>
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<td></td>
</tr>
<tr>
<td>Lower explosion limit</td>
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<td></td>
</tr>
<tr>
<td>Autoignition</td>
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<td></td>
</tr>
<tr>
<td>temperature</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Practically insoluble in water.</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Relative vapor density</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available.</td>
<td></td>
</tr>
</tbody>
</table>

Section 10. Stability and Reactivity

Stability
Stable under recommended storage conditions.

Materials To Avoid
Oxidizing agents and reducing agents.

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

**Oral LD50**
Rat - male and female 1,499.0 mg/kg

**Inhalation LC50**
Not available.

**Dermal LD50**
Not available.

**Other information on acute toxicity**
Not available.

**Skin corrosion/irritation**
Not available.

**Serious eye damage/irritation**
Not available.

**Respiratory or skin sensitization**
Contact with skin can cause: Reddening of the skin and other changes.

**Germ cell mutagenicity**
Did not show carcinogenic, teratogenic, or mutagenic effects in animal experiments.

**Reproductive Toxicity**
No toxicity to reproduction.

**Aspiration Hazard**
Not available.

**Specific organ toxicity single exposure (GHS)**
Not available.

**Specific organ toxicity repeated exposure (GHS)**
Not available.

**Teratogenicity**
Not available.

**Additional Information**
Repeated dose toxicity - Rat - 8,804 h. Kidney, ureter, bladder: Changes in tubules (including acute renal failure, acute tubular necrosis). Dog - 2,352.0 h. Gastrointestinal: Changes in structure or function of exocrine pancreas.

**Signs and symptoms of exposure**
Thrombocytopenia, cardiovascular system, renal damage, hypersensitivity reactions include: Asthmatic appearance, urticaria, rhinitis.

**Potential Health Effects**
Inhalation - May be harmful if inhaled. May cause respiratory irritation. Skin - Acute toxicity. Fatal in contact with skin. Eyes - May cause eye irritation. Ingestion - Acute toxicity. Harmful if swallowed.

**Carcinogenicity**
Animal testing did not show any carcinogenic effects.  
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.  
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.

Section 14. Transport Information

DOT (US)  UN number: 2811  Class: 6.1  Packing group: II
Proper shipping name: Toxic solids, organic, n.o.s. (Etoricoxib)
Reportable Quantity (RQ): No  Marine pollutant: No  Poison inhalation hazard: No

IATA  UN number: 2811  Class: 6.1  Packing group: II
Proper shipping name: Toxic solids, organic, n.o.s. (Etoricoxib)
Marine pollutant: No

IMDG  UN number: 2811  Class: 6.1  Packing group: II  EMS-No: F-A, S-A
Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (Etoricoxib)

Section 15. Regulatory Information

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

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

SARA 311/312 Components  Acute health hazard

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

Pennsylvania Right To Know Components  Etoricoxib  CAS #: 202409-33-4  Revision Date:

New Jersey Right To Know Components  Etoricoxib  CAS #: 202409-33-4  Revision Date:

California Prop 65 Components  This product does not contain any chemicals known to 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.