GHS Label elements including precautionary statements

**Pictogram**

![Pictogram]

**Signal word**

Danger

**Hazard and precautionary statements**

**Hazard statements**

H301 - Toxic if swallowed.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.

**Precautionary statements**

P261 - Avoid breathing dust, fumes, gas, mist, vapors, spray.
P264 - Wash skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves, eye protection, face protection.
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 - IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING.
P305 + P315 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER/ doctor if you feel unwell.
P313 - Specific treatment (see supplemental first aid instruction on this label).
P330 - Rinse mouth.
P332 + P313 - If skin irritation occurs: Get medical advice/ attention.
P337 + P313 - If eye irritation persists: Get medical advice/ attention.
P362 - Take off contaminated clothing and wash before reuse.
P400 - P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents/ container to an approved waste disposal plant.

**HMIS Classification**

Health hazard: 2
Chronic health hazard: *
Flammability: 0
Physical hazard: 0

**NFPA Rating**

Health hazard: 2
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. Causes skin irritation.
Eyes - Causes serious eye irritation.
Extinguishing Media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Firefighting Procedures
Wear self-contained breathing apparatus for fire fighting if necessary.

Unusual Fire Hazards
Carbon oxides, nitrogen oxides (NOx).

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. 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 fire fighting if necessary.

Unusual Fire Hazards
Carbon oxides, nitrogen oxides (NOx).

Section 6. Accidental Release Measures

Personal Precautions
Wear respiratory protection. Avoid dust formation. Avoid breathing 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
Pick up and arrange disposal without creating 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
Hazardous decomposition products formed under fire conditions. - Carbon oxides.
Section 8. Exposure Controls/Personal Protection

**Physical State**
Solid.

**Color**
White or almost white powder.

**Boiling Point**
Not available.

**Melting Point**
93-96°C

**Solubility**
Soluble in ethanol, acetone or DMSO. Slightly soluble in water.

**Flash Point**
Not available.

**Lower explosion limit**
Not available.

**Upper explosion limit**
Not available.

**Water solubility**
Not available.

**Partition coefficient: n-octanol/water**
Not available.

**Relative vapor density**
Not available.

Section 9. Physical and Chemical Properties

**Physical State**
Solid.

**Color**
White or almost white powder.

**Boiling Point**
Not available.

**Melting Point**
93-96°C

**Solubility**
Soluble in ethanol, acetone or DMSO. Slightly soluble in water.

**Flash Point**
Not available.

**Autoignition temperature**
Not available.

**Vapor pressure**
Not available.

**Odor**
Not available.

**Evaporation rate**
Not available.

Section 10. Stability and Reactivity

**Stability**
Stable under recommended storage conditions.

**Materials To Avoid**
Strong oxidizing agents.

**Hazardous Decomposition Products**
Hazardous decomposition products formed under fire conditions. - Carbon oxides.
### Section 11. Toxicological Information

<table>
<thead>
<tr>
<th>Exposure Type</th>
<th>LD50</th>
<th>LD50</th>
<th>LD50</th>
<th>LD50</th>
<th>LC50</th>
<th>LC50</th>
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<tbody>
<tr>
<td>Oral</td>
<td>Rat - 62.4 mg/kg</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
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</tr>
<tr>
<td>Inhalation</td>
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<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Dermal</td>
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<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
</tbody>
</table>

**Other information on acute toxicity**

- **Skin corrosion/irritation**: Not available.
- **Serious eye damage/irritation**: Not available.
- **Respiratory or skin sensitization**: Not available.
- **Germ cell mutagenicity**: Not available.

**Reproductive Toxicity**

- Not available.

**Aspiration Hazard**

- Not available.

**Specific organ toxicity**

- **Single exposure (GHS)**: Inhalation - May cause respiratory irritation.
- **Repeated exposure (GHS)**: Not available.

**Additional Information**

- RTECS: UE7570000.

**Potential Health Effects**

- Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.
- Skin: May be harmful if absorbed through skin. Causes skin irritation.
- Eyes: Causes serious eye irritation.
- Ingestion: Acute toxicity. Toxic if swallowed.

**Carcinogenicity**

- 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Mobility in soil</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

**PBT and vPvB**

- PBT/vPvB assessment not available as chemical safety assessment not required/not available.
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. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Persistence and degradability  Not available.

Bioaccumulative potential  Not available.

Section 13. Disposal Considerations

Waste Disposal

Disposal 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. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Section 14. Transport Information

DOT (US)  UN number: 2811  Class: 6.1  Packing Group: III
Proper shipping name: Toxic solids, organic, n.o.s. (Ketoprofen)
Poison inhalation hazard: No

IATA  UN number: 2811  Class: 6.1  Packing Group: III
Proper shipping name: Toxic solids, organic, n.o.s. (Ketoprofen)

IMDG  UN number: 2811  Class: 6.1  Packing Group: III  EMS #: F-A, S-A
Proper shipping name: TOXIC SOLIDS, ORGANIC, N.O.S., n.o.s. (Ketoprofen)

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  Acute health hazard, chronic health hazard.

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

Pennsylvania Right To Know Components  Ketoprofen  CAS #: 22071-15-4  Revision Date:

New Jersey Right To Know Components  Ketoprofen  CAS #: 22071-15-4  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.