


## Section 1: Identification

<b>Common Name/Trade Name</b>	KETOPROFEN USP	
<b>Supplier Information</b>	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	<b>IN CASE OF EMERGENCY:</b> Chemtrec 1 (800) 424-9300 (24 hours) NSW Poisons Information Centre: 131 126 (24 hours)
<b>Distributor Name</b>	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: <a href="mailto:bellacorp@bellacorp.com.au">bellacorp@bellacorp.com.au</a>	
<b>Product Synonym(s)</b>	Ketoprofen	
<b>Relevant Use(s) of Product</b>	Manufacture or Compounding of Substances	

## Section 2: Hazards Identification

<b>Classification of Substance or Mixture</b>	Acute toxicity, Oral (Category 3), Acute toxicity, dermal (Category 3), Skin corrosion/irritation (Category 2), Serious eye damage/eye irritation (Category 2A)	
<b>Signal Word</b>	Danger	
<b>Hazard Statement(s)</b>	H301 H311 H315 H319	Toxic if swallowed Toxic in contact with skin Causes skin irritation Causes serious eye irritation
<b>Pictogram(s)</b>		
<b>Precautionary Statement(s)</b>	P264 P270 P280 P301+P310 P302+P352 P302+P352 P305+P351+P338 P312 P330 P332+P313 P337+P313 P361 P362 P363 P405 P501	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED Immediately call a POISON CENTER or doctor/physician. IF ON SKIN Wash with soap and water. IF ON SKIN Wash with soap and water. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs Get medical advice/attention. If eye irritation persists Get medical advice/attention. Remove/Take off immediately all contaminated clothing. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse. Store locked up. Dispose of contents/container to an approved waste disposal plant.
<b>Hazards Not Otherwise Classified</b>	No data available	
<b>Ingredient(s) with Unknown Toxicity</b>	No data available	

## Section 3: Composition/Information on Ingredients

<b>Chemical Name</b>	Ketoprofen
<b>Common Name</b>	Ketoprofen
<b>CAS Number</b>	22071-15-4
<b>Impurities and/or Stabilizing Additives</b>	No data available

## Section 4: First Aid Measures

<b>General Advice</b>	Consult a physician. Show this safety data sheet to the doctor in attendance.
<b>If Inhaled</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Seek immediate medical advice.
<b>In Case of Skin Contact</b>	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
<b>In Case of Eye Contact</b>	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
<b>If Swallowed</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician
<b>Most Important Symptoms and Effects</b>	Skin contact with chemical is toxic and causes skin irritation. Eye contact causes eye irritation. Toxic effects if swallowed. Treat symptomatically.

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Suitable extinguishing agents: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. For safety reasons unsuitable extinguishing agents: Water jet: -this may increase fire intensity.
<b>Special Hazards Arising From the Substance/Mixture</b>	Carbon dioxide (CO <sub>2</sub> ) Carbon monoxide (CO)
<b>Special PPE and/or Precautions for Firefighters</b>	Wear self-contained breathing apparatus for firefighting if necessary.

## Section 6: Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Methods and Materials Used for Containment</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains
<b>Cleanup Procedures</b>	Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
<b>Conditions for Safe Storage</b>	Requirements to be met by storerooms and receptacles: Store in a tightly closed container. Keep away from incompatibles such as oxidizing agents.

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	No data available.
<b>Appropriate Engineering Controls</b>	Local exhaust ventilation required plus good work practice. Safety shower. Eye fountain. Handle in accordance with good industrial hygiene and safety practice. Contaminated clothing should be thoroughly cleaned. Provide good ventilation and/or an exhaust system in the work area. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
<b>PPE - Eye/Face Protection</b>	Tightly sealed goggles
<b>PPE - Skin Protection</b>	Protective gloves: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation as to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Penetration time of glove material: The exact break-through time has to be found out by the manufacturer of the protective gloves and has to be observed.
<b>PPE - Body Protection</b>	Protective work clothing.
<b>PPE - Respiratory Protection</b>	In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Form: Solid (Crystalline powder) Colour: White to Off-white
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Odor</b>	Odorless
<b>Vapor Pressure</b>	at 25°C: 3.72E-07 mmHg
<b>Odor Threshold</b>	No data available
<b>Vapor Density</b>	Density at 22°C: 1.198 g/cm <sup>3</sup>
<b>pH</b>	No data available
<b>Relative Density</b>	No data available
<b>Melting Point/Freezing Point</b>	94°C
<b>Solubility</b>	Solubility in / Miscibility with water at 25°C: 51 mg/ml
<b>Initial Boiling Point and Boiling Range</b>	431.3°C (at 760 mm Hg)
<b>Flash Point</b>	147°C
<b>Evaporation Rate</b>	No data available
<b>Flammability (Solid, Gas)</b>	No data available
<b>Partition Coefficient</b>	(n-octanol/water): 3.12 log POW
<b>Auto-Ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available

## Section 10: Stability and Reactivity

<b>Reactivity</b>	No further relevant information available.
<b>Chemical Stability</b>	Keep away from excess heat. Protect from moisture. Stable under recommended storage condition.
<b>Possibility of Hazardous Reactions</b>	React with oxidizing agent.
<b>Conditions to Avoid</b>	No further relevant information available.
<b>Incompatible Materials</b>	Incompatible with oxidizing materials.
<b>Hazardous Decomposition Products</b>	Hazardous decomposition products: Carbon monoxide Carbon dioxide

## Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	Toxic if swallowed. Oral LD50 - 62.4 mg/kg (rat)
<b>Acute Toxicity - Inhalation</b>	No data available
<b>Acute Toxicity - Dermal</b>	Toxic in contact with skin. Dermal 550 mg/kg (mouse)
<b>Acute Toxicity - Eye</b>	No data available. Causes serious eye irritation. The test chemical causes swollen, pain and irritated eye when tested in human.
<b>Skin Corrosion/Irritation</b>	Causes skin irritation. The test chemical causes erythema or other skin discoloration when tested in human
<b>Serious Eye Damage/Irritation</b>	Causes serious eye irritation. The test chemical causes swollen, pain and irritated eye when tested in human.
<b>Respiratory or Skin Sensitization</b>	When tested in Hartley albino guinea pigs produced no sensitization reaction.
<b>Germ Cell Mutagenicity</b>	The substance is non-mutagenic.
<b>Carcinogenicity IARC</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity ACGIH</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity NTP</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity OSHA</b>	Based on available data, the classification criteria are not met.
<b>Reproductive Toxicity</b>	In fertility studies, in rats, effects of ketoprofen on male and female reproduction functions were observed with a NOEL of 3 mg/kg/day.
<b>Specific Target Organ Toxicity - Single Exposure</b>	Based on available data, the classification criteria are not met.
<b>Specific Target Organ Toxicity - Repeated Exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration Hazard</b>	Based on available data, the classification criteria are not met.

## Section 12: Ecological Information

<b>Toxicity</b>	No data available
<b>Persistence and Degradability</b>	Biodegradation in water: Half-life=15 days (predicted). Result: Readily biodegradable
<b>Bio-accumulative Potential</b>	Bioaccumulation factor: BEF=3.2 (predicted) Result: Non-bio-accumulative
<b>Mobility in Soil</b>	Soil absorption coefficient=390 (Estimated) result: The test chemical is moderately mobile in soil.
<b>Other Adverse Effects</b>	Do not allow undiluted product or large quantities of it to reach groundwater, water course or sewage system.

## Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	Observe all federal, state, and local environmental regulations. Must not be disposed together with household garbage. Do not allow product to reach sewage system. European waste catalogue 07 05: Wastes from the manufacture, Supply, Formulation and Use (MFSU) of pharmaceuticals.
<b>Waste Treatment Methods Packaging</b>	Disposal must be made according to official regulations.
<b>Special Precautions Landfill or Incinerations</b>	No data available
<b>Other Information</b>	No data available

## Section 14: Transport Information

<b>UN Number</b>	2811
<b>UN Proper Shipping Name</b>	TOXIC SOLID, ORGANIC, N.O..S. (Ketoprofen)
<b>Transport Hazard Class(es)</b>	6.1
<b>Packaging Group</b>	III
<b>Environmental Hazards</b>	Marine pollutant: No

## Section 15: Regulatory Information

Other regulations, limitations and prohibitive regulations: Japan MITI listed. NZio C-Listed. AICS-Listed, PICCS-Listed. Canada- DSL-Listed. US TSCA-Listed. The substance is not listed as SVHC. A Chemical Safety Assessment has not been carried out.

## Section 16: Other Information

<b>Additional Information</b>	N/A
<b>Prepared By</b>	Scarlotte Smith
<b>Revision Date</b>	01/22/2024 10:38

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