

Ketorolac Trometamol**PA 11 05000****1. PRODUCT IDENTIFICATION****1.1 Product Code PA 11 05000****CAS No 74103-07-4****Product Name Ketorolac Trometamol****2. CHEMICAL GHS HAZARD STATEMENTS****Single Word
Warning****2.1 GHS PRECAUTIONARY STATEMENTS**

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Chemical Characterization: Ketorolac Trometamol****CAS No 74103-07-4****4. FIRST-AID MEASURES**

4.1 In case of inhalation : Supply fresh air. If not breathing supply artificial respiration. If breathing gets difficult, supply oxygen. Immediately seek medical attention.

In case of contact with skin: Immediately wash skin with copious amounts of water and soap for at least 15 minutes. If irritation persists, seek medical attention.

In case of contact with eyes: Immediately flush eyes with copious amounts of water at least for 15 minutes. Seek medical advice

In case of ingestion: If swallowed, rinse mouth with water, if the person is conscious. Do not induce vomiting. Seek medical advice

4.2 Remove and wash/dispose of contaminated clothing immediately.

5. FIRE FIGHTING MEASURES**5.1 Extinguishing media**

Suitable extinguishing media: Water spray, Carbon dioxide, Dry powder.

Unsuitable extinguishing media: Do not use a heavy water stream.

Surrounding fires: Use water spray or fog for cooling exposed containers.

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5.2 Protection against fire: Do not enter fire area without proper protective equipment, including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

6.1 Ensure personal safety, mark out the contaminated area with warning signs and prevent unauthorized access. Turn leaking containers in a way to prevent further leakage. Evacuate area. Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Sweep-up / absorb in the suitable material, placed in a container and hold for disposal. Avoid raising dust.

7. HANDLING AND STORAGE

7.1 Storage conditions: Store in a cool, dry and dark place

8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Respiratory Protection Required when dusts is generated.

Eye Protection Required

Hand Protection Required

Industrial hygiene Immediately change contaminated clothing. Wash hands and face after working with substance

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance Solid

 Melting Point NA

 Boiling Point NA

10. STABILITY AND REACTIVITY

10.1 Stability and reactivity Stable under normal conditions

10.2 Incompatible conditions to be avoided: Oxidizing agents

10.3 Decomposition conditions to be avoided: Heat, Sources of ignition.

10.4 Hazardous decomposition products: Carbon monoxide, Carbon dioxide, Nitrogen

10.5 Hazardous reactions: None under normal conditions

10.6 Hazardous polymerization: Will not occur. Conditions to be avoided

Ketorolac Trometamol**PA 11 05000****11. TOXICOLOGICAL INFORMATION**

11.1 Information on toxicological effects

Acute toxicity : Not classified (Based on available data, the classification criteria are not met)

Skin corrosion/irritation : Not classified (Lack of data)

Serious eye damage/irritation : Causes serious eye damage.

Respiratory or skin sensitisation : Not classified (Conclusive but not sufficient for classification)

Germ cell mutagenicity : Not classified (Lack of data)

Carcinogenicity : Not classified (Lack of data)

Reproductive toxicity : Not classified (Lack of data)

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

STOT-repeated exposure: Not classified

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

12. ECOLOGICAL INFORMATION

12.1 Ecological effects information	Not Known
12.2 LC50-96 Hour - fish (mg/L) :	No Data available
12.3 EC50-48 Hour-Daphnia magna (mg/L)	No Data available
12.4 IC50-72h-Algae (mg/L)	No Data available
12.5 Biodegradation [%]	No Data available
12.6 Persistence - degradability	No Data available

13. DISPOSAL CONSIDERATIONS

13.1 General : Dispose of this material and its container at hazardous or special waste collection point.

Do not dispose of or mix with household garbage.

14. TRANSPORT INFORMATION

14.1 Classification : NA

14.2 UN Number : NA

15. REGULATORY INFORMATION

15.1 Symbol (S) : Xn : Harmful

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F: Highly flammable

R Phrase(s) : R11 : Highly flammable.

R20/21/22 : Harmful by inhalation, in contact with skin or if swallowed.

R36 : Irritating to eyes

S Phrase(s) : S1/2 : Keep locked up and out of reach of children.

S16 : Keep away from sources of ignition - No Smoking.

S36/37 : Wear suitable protective clothing and gloves. Do not breathe dust.

16. OTHER INFORMATION

While the information herein is believed to be reliable, it is furnished without warranty of any kind. It shall be used only as a guide. Pharmaffiliates make no warranties and representations as to the accuracy and completeness of the information contained herein. Pharmaffiliates shall not be held responsible for the suitability of this information for user's intended purposes or the consequences of such use.