



南京丰山化学有限公司

NANJING FENSHAN CHEMICAL CO., LTD.

MATERIAL SAFETY DATA SHEET

1 Manufacturer/information service:

Manufactory: NANJING FENSHAN CHEMICAL CO., LTD

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Product name: Bupirimate 250g/l EC

2. Composition / Information On Ingredients

Composition	CAS No.	Content %
Bupirimate	41483-43-6	250 g/l
Other ingredient	-----	To 1 L

3. Hazards Identification

Human health hazards : Irritating to eyes and skin.

May cause damage if aspirated into the lungs.

Environmental hazards : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. First Aid Measures

Inhalation: If irritation occurs, contact a Poisons Information Centre, or call a doctor. Remove source of contamination or move victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice. In severe cases, symptoms of pulmonary oedema can be delayed up to 48 hours after exposure.

Skin Contact: Quickly and gently blot away excess liquid. Wash gently and thoroughly with warm water (use non-abrasive soap if necessary) for 10-20 minutes or until product is removed. Under running water, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts) and completely decontaminate them before reuse or discard. If irritation persists, repeat flushing and seek medical attention.

Eye Contact: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.



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Ingestion: If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call a doctor.

5. Fire-Fighting Measures

Fire and Explosion Hazards: This product is classified as flammable. There is a moderate risk of an explosion from this product if commercial quantities are involved in a fire. Firefighters should take care and appropriate precautions. Any explosion will likely spread the fire to surrounding materials. Water spray may be used to cool drums involved in a fire, reducing the chances of an explosion. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids. Vapours from this product are heavier than air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures. They may also flash back considerable distances. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Extinguishing Media: Preferred extinguishing media are carbon dioxide, dry chemical, foam, water fog. Foam is the preferred medium for large fires. Ensure that no spillage enters drains or water courses.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

6. Accidental Release Measures

Personal precautions: Wear suitable protective clothing, gloves and eye/face protection. During cleaning activity, shut off ignition sources.

Environmental precautions: Dispose of this material and its container at hazardous or special waste collection point, if the product has contaminated surface water, inform the appropriate authorities.

Methods for cleaning up: Absorb in sand or other inert material. Use appropriate containment to avoid environmental contamination. In the event of major spillage: Collect and contain as much free liquid as possible. Dike spills using absorbent or impervious materials such as sand or clay for later disposal.

7. Handling and Storage

Handling: Avoid contact with skin and eyes. Do not breathe fumes/spray mist. When using does not eat, drink or smoke. Wash hands after working with the product.

Storage: Keep only in the original container. Keep container tightly closed. Keep in a cool, dry, well ventilated place away from sources of ignition and heat. Keep away from food, drink and animal feeding stuffs. Protect from frost.



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Packaging materials Suitable: Metal drums or Coextruded polyethylene bottles.

8. Exposure Controls / Personal Protection

Ventilation: This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. If necessary, use a fan.

Eye Protection: Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm. Emergency eye wash facilities are also recommended in an area close to where this product is being used.

Skin Protection: Prevent skin contact by wearing impervious gloves, clothes and, preferably, apron. Make sure that all skin areas are covered. See below for suitable material types. Protective Material Types: We suggest that protective clothing be made from the following: rubber, PVC.

Respirator: Usually, no respirator is necessary when using this product. Eyebaths or eyewash stations and safety deluge showers should be provided near to where this product is being used.

9. Physical And Chemical Properties

Physical Description & colour: Clear amber-orange liquid.

Odour: Aromatic hydrocarbon odour.

Boiling Point: Final boiling point 128°C

Specific Gravity: 0.92

Water Solubility: Emulsifiable.

pH: 7.2

10. Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed. Keep containers and surrounding areas well ventilated. Keep away from sources of sparks or ignition. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.

Incompatibilities: strong oxidising agents.

Fire Decomposition: Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas. Oxides of sulfur (sulfur dioxide is a respiratory hazard)



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and other sulfur compounds. Most will have a foul odour. Water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation: This product will not undergo polymerisation reactions.

11. Toxicological Information

Acute Toxicity – Oral	:LD50 >4000 mg/kg (rat)
Acute Toxicity –Dermal	:LD50 >3000 mg/kg (rat)
Acute Toxicity –Inhalation	:Unlikely to cause harmful effects under normal conditions of handling and use.
Skin irritation	:Irritating to skin (rabbit).
Eye irritation	:Not irritating (rabbit).
Sensitization	:Guinea pig maximization test; Non sensitizer.

12. Ecological and Ecotoxicological Information

Toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment. This product is biodegradable. It will not accumulate in the soil or water or cause long term problems.

13. Disposal Considerations

Methods of disposal :Disposal according to the local legislation.

14. Transport Information

U.N. Number 1993	
Proper shipping name	: Flammable liquid, N.O.S.,(Contains aliphatic alcohols and benzenoid hydrocarbons).
ADR/RID Class	: 3
ADR/RID Item number	: 3
Packing Group	: III

15. Regulatory Information

Not application

16. Other Information

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the



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responsibility of persons on receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces formulations containing this product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.

FengshanChem