



南京丰山化学有限公司

NANJING FENGSHAN CHEMICAL CO., LTD.

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Bentazon 480g/l SL

Supplier: Nanjing Fengshan Chemical Co., Ltd

Add: 1904 Central International Plaza, 105-6 North Zhongshan, Nanjing City, Jiangsu Province, P.R.C

Tel: +86-25-66605701

Fax: +86-25-86558673

SECTION 2: HAZARDS IDENTIFICATION

Keep out of reach of children. When using, do not eat, drink or smoke. Wear suitable protective clothing.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition	CAS No.	Content, g/l
Bentazon	25057-89-0	480 min
Other ingredients	-	Up to 1 L

SECTION 4: FIRST AID MEASURES

General: Remove patient to fresh air. Remove all heavily contaminated clothing. Always seek medical advice in cases of serious personal contamination.

If swallowed: Rinse mouth. Seek medical attention immediately and show product label or this data sheet.

If in eyes: Rinse immediately with plenty of water for at least 15 minutes. Seek medical attention if any irritation occurs.

If on skin or clothing: Remove contaminated clothing immediately. Wash underlying skin with soap and plenty of water. If skin irritation persists, consult a doctor.

If inhaled: Move to fresh air. Seek medical advice if circumstances warrant.

Medical information: For specialist advice doctors should contact the nearest Poisons Information Center



SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: Not flammable

Extinguishing Media: Use media suited to burning material.

Fire and Explosion Hazards: Decomposition products are toxic and corrosive. There is little or no chance of an explosion from this product if involved in a fire.

Fire-fighting Equipment: Wear full protective clothing including face mask, face shield and gauntlets.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear as appropriate, chemical resistant rubber gloves, coated overall, PVC or rubber wellingtons and goggles.

Environmental precautions: Particular care should be taken to prevent contamination of water (ditches, drains, ponds etc.). Advise local authority if spillage enters drains or Environmental Agency/Scottish Environmental Protection Agency if spillage enters surface or ground waters.

Methods for cleaning up: Contain spillage as the situation allows. Absorb with sand or earth. Collect contaminated material and place in covered, labeled containers (not galvanized or unlined steel) for disposal.

SECTION 7: HANDLING AND STORAGE

Handling: Wear suitable protective clothing, gloves and/or eye/face protection when handling the concentrate. Do not eat drink or smoke. Keep tanks well vented and clear of all sources of ignition. Wash out container thoroughly, empty washings into spray tank and dispose of safely.

Storage: Store in original container, tightly closed in a designated chemical store. Keep in a cool, dry place. Keep away from food and animal foodstuffs. Keep out of reach of children. Keep container tightly closed. Do not mix or store in galvanized or unlined mild steel containers or tanks. Protect from frost.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION



Precautions: Wear suitable protective gloves and face protection (faceshield) when handling or applying the concentrate. When using do not eat, drink or smoke. Wash concentrate from skin or eyes immediately.

Protective clothing: Suitable approved respirator may be required, when dealing with the concentrate or spray. Suitable face shield should be used when dealing with the concentrate or spray. PVC or other plastic material gloves should be used when dealing with the concentrate or spray.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow liquid.

Odour: Very slight odour.

Solubility in water: Completely soluble in water.

Boiling point: About 100°C, 100 kPa

pH value: 5.0-9.0

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions. React with oxidising agents.

Incompatibility: Avoid strong oxidising agents.

Hazardous Decomposition Products: This product is unlikely to spontaneously decompose.

Hazardous Polymerization: This product is unlikely to spontaneously polymerise.

SECTION 11: TOXICOLOGICAL INFORMATION

LD₅₀ oral toxicity in rat >5000 mg/kg

LD₅₀ dermal toxicity in rat >5000 mg/kg

LC₅₀ inhalation toxicity in rat >5.0 mg/l-4 h

Irritation: Moderately irritating to the skin and eyes

Sensitization: Non-sensitizing to guinea pig



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SECTION 12: ECOLOGICAL INFORMATION

Birds Acute oral LD50 for bobwhite quail 1140 mg/kg. Dietary LC50 for bobwhite quail and mallard ducks >5000 ppm.

Fish LC50 (96 h) for rainbow trout and bluegill sunfish >100 mg/l.

SECTION 13: DISPOSAL CONSIDERATIONS

Triple rinsing with water. Add the rinsings to the tank mix or dispose of rinsate in a disposal pit away from desirable plants and roots, and watercourses. On-site disposal of undiluted product is unacceptable.

SECTION 14: TRANSPORT INFORMATION

UN No.: 3082

Class: 9

SECTION 15: REGULATORY INFORMATION

Regulations on Safety Management of Hazardous Chemicals (issued by Chinese State Council on February 17, 1987)

Regulations on Safety Use of Chemicals at Work (issued by Chinese Ministry of Labor in 1996)

SECTION 16: OTHER INFORMATIONS

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. This information applies to the PRODUCT AS SUCH. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the 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 produce formulations containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant



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information from this MSDS to their own MSDS.

THE END OF MATERIAL SAFETY DATA SHEET

FengshanChem