



MATERIAL SAFETY DATA SHEET

Section 1 – Chemical Product and Company Identification

Product name: CARBARYL 95%TECH

Manufactory: Nanjing Fengshan Chemical Co., Ltd.

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Section 2 – Composition/Information on Ingredients

Composition	CAS No.	Content %
CARBARYL	63-25-2	95 min
Other ingredients	--	5.0

Section 3 -Hazards Identification

Eye: Causes redness, irritation, tearing.

Skin: Harmful if absorbed through skin. May produce symptoms similar to those from ingestion.

Inhalation: Harmful if inhaled.

Section 4 -First Aid Measures

Eye: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention.

Skin: In case of contact, immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention if irritation develops or persists. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use.

Ingestion: If victim is conscious and alert, give 2-3 glasses of water to drink and induce vomiting by touching back of throat with a finger. Do not induce vomiting or give anything by mouth to an unconscious person. Seek immediate medical attention.

Inhalation: Remove victim from immediate source of exposure and assure that the victim is breathing. If breathing is difficult, administer oxygen, if available., Seek medical attention.

Section 5 – Fire Fighting Measures

FLASHPOINT: 193 °C

FIRE AND EXPLOSION HAZARD: Like all organic and most dry chemicals, as a powder or dust, this product (when mixed with air in critical proportions and in the presence of an ignition source) may present an explosion hazard.

EXTINGUISHING MEDIA: Carbon dioxide, dry agent, foam, water spray.

Section 6 – Accidental Release Measures

Avoid contact with the spilled material or contaminated surfaces. Do not smoke, eat or drink during the cleanup process. Personnel involved in cleanup should wear full body protective clothing and equipment. Keep people and animals away. Consider evacuation and obtain assistance from emergency services if needed. Prevent spilled material from entering drains or watercourses.



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Section 7 – Handling and Storage

Handling: Keep out of reach of children. Very dangerous. Poisonous if absorbed by skin contact, inhaled or swallowed. Avoid contact with eyes and skin. Do not touch or rub eyes, nose or mouth with hand during handling.

Storage: Store in the closed, original container in a dry, cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilizers.

Section 8 – Exposure Controls and Personal Protection

Eye Protection: Eye protection such as protective glasses or goggles is recommended when this product is being used.

Skin Protection: It is essential that all skin areas are adequately covered by impermeable gloves, overalls, haircovering, and apron and face shield.

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, PVC.

Respirator: If there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable Dust Mask.

Section 9 – Physical and Chemical Properties:

Appearance: White Crystals

Physical State: Solid

Odour: Not specific

Molecular Weight: 201.2 g/mol

Molecular formula: C₁₂H₁₁NO₂

pH: 4 - 6.5

Section 10 – Stability and Reactivity

Chemical Stability: This material is stable under normal handling and storage conditions

Conditions to Avoid: Extreme heat and open flame and extreme humidity inducing conditions can lead to instability. Under alkaline conditions, Moisture can increase handling hazards.

Incompatibility With Other Materials: Strong acids or alkalis. .

Section 11 – Toxicological Information

ACUTE ORAL TOXICITY: Acute oral LD₅₀ for rats 264, female rats 500,

ACUTE DERMAL TOXICITY: LD₅₀ for rats >4000, rabbits >2000 mg/kg.

ACUTE INHALATION TOXICITY: LC₅₀ (4 h) for rats 3.28 mg/l air.

SKIN IRRITATION: (Rabbits) Mild skin irritant.

EYE IRRITATION: (Rabbits) Slight eye irritant.

Section 12 – Ecological Information

Toxicity to Fish

Rainbow trout LC₅₀: 1950 ug/l (96 h)

Bluegill sunfish LC₅₀: 6760 ug/l (96 h)

Mallard duck LC₅₀: > 5,000 mg/kg

Bobwhite quail LC₅₀: > 5,000 mg/kg



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Section 13 – Disposal Considerations

Disposal: Instructions concerning the disposal of this product and its containers are given on the product label. These should be carefully followed.

Section 14 – Transport Information

Not applicable

Section 15 – Regulatory Information

Not applicable

Section 16 – Other Information

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