



南京丰山化学有限公司

NANJING FENGSHAN CHEMICAL CO., LTD.

MATERIAL SAFETY DATA SHEET

1. Chemical Product Identification

Manufactory: Nanjing Fengshan Chemical Co., Ltd.

Address: 1904 Central International Plaza, 105-6 North Zhongshan Road, Nanjing City, Jiangsu Province, China.

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Product Name: INDOXACARB 15% SC

2. Composition / Information on Ingredients

Composition	CAS No.	Content %
INDOXACARB	173584-44-6	15%
Other ingredients	----	85%.

3. Hazards Identification

Causes moderate eye irritation.

Avoid breathing product vapors or spray mist.

Avoid contact with eyes, skin or clothing.

4. First Aid Measures

Skin contact: Remove contaminated clothing, shoes and leather goods, Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap.

Eyes Contact: Immediately flush the eyes with gently flowing, lukewarm water or saline solution for 20 minutes, occasionally lifting the upper and lower lids. Obtain medical attention if necessary.

Inhalation: Remove source of contamination or move victim to fresh air. Keep victim warm and at rest. Treat symptomatically and Supportively. Obtain medical advice if



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necessary.

Ingestion: Wash mouth out with water. If vomiting occurs, give more water to drink to assist dilution.

5. Fire-Fighting Measures

Flash point: Non- combustible.

Extinguishing media : Preferred extinguishing media are Carbon Dioxide, dry chemical, Foam, water Fog.

Unsuitable extinguishing Special exposure hazards: Fire may involve dehydrated compounds, which may emit oxides of carbon, nitrogen and possibly hydrogen chloride.

6. Accidental Release Measures

Same as for small spills; may neutralize with dilute alkaline solutions of soda and ash and place into chemical waste container. Do not allow material to run off into soil, drainage systems, or bodies of water. Notify and consult with proper regulatory authorities.

7. Handling and Storage

HANDLING: Use only in a well-ventilated area. Loosen closure cautiously before opening. Do not reuse this container. Empty containers retain product residue and can be dangerous.

STORAGE: KEEP OUT OF REACH OF CHILDREN! Store away from heat) and keep from freezing. Keep away from food, feed and drinking water.

8. Personal Protection

Eye Protection - Safety glasses.

Clothing - Long-sleeved shirt and long pants. Shoes plus socks.

Gloves - Chemical-resistant such as barrier laminate or viton.

Respirator - When handled in an area where exposure limits may be exceeded, use a



respirator with either an organic vapor removing cartridge with a profiler approved for pesticides

9. Physical and Chemical Properties

Physical state	: Liquid
Colour	: White liquid
Odour	: Specific Odour
Acidity / Alkalinity or pH Value	: 6.8 to 7.2 of 1% sol.
Flash point	: Non flammable
Flammability	: Not flammable.
Relative Density	: 1.23

10. Stability and Reactivity

Stability : Stable under normal, dry storage conditions. Slowly decomposed by heat and moisture

Conditions to avoid: No special precautions other than good housekeeping of chemicals.

Incompatibility: Incompatible with oxidation materials and acids. The Product is compatible with many other pesticides when us at normal rates. However, a compatibility test is required before using with other products. Do not physically mix concentrate directly with other herbicides or pesticide concentrates; always dilute first.

11. Toxicological Information

Acute Oral: LD50 for Rats: 1730mg/kg.

Acute Dermal: LD50 for Rats: > 2000 mg/kg

Inhalation: LC50 (4h) for Rats > 5.95 mg/l air.

Eye Irritation: No eye irritant (rabbits).

Skin Irritation: Non-irritating to skin (rabbits).



12. Ecological and Ecotoxicological Information

Bees

Highly Toxic to bees LD50=0.18 ug/bee

Birds

Non Toxic to Birds

Acute Oral: LD50mallard duck >5620 ppm

The Aquatic Organisms

Fish Toxicity: Highly Toxic

LC50 (96h) in trout (*Onchorhynchus mykiss*) 0.65 mg/

LC50 (96h) in Bluegill Sunfish 0.90 mg/l

13. Disposal Considerations

WASTE: Pesticide wastes are toxic and hazardous. Dispose of in accordance with applicable and local laws and regulations. Do not discharge or pour into soil, drainage system or bodies of water.

14. Transport Information

Not available

15. Regulatory Information

Not available

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. 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



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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 information from this MSDS to their own MSDS.

FengshanChem