



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

Supplier: Nanjing Fengshan Chemical Co., Ltd

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

Tel: +86-25-86558672

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Product name: Imidacloprid 350g/l SC

SECTION 2: HAZARDS IDENTIFICATION

Human Health Hazards: Harmful if swallowed.

Environmental hazard: Harmful to aquatic organisms.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition	CAS No.	Content g/l
Imidacloprid	138261-41-3	350
Other ingredients		650

SECTION 4: FIRST AID MEASURES

Skin contact: Remove contaminated clothing and wash the contaminated areas with plenty of soap and cold water. Do not rub the skin. Get medical attention if irritation persists.

Eye contact: Immediately flush contaminated eyes for 15 minutes with clean cold water, while occasionally lifting upper and lower lids. Seek medical advice if irritation persists.

Inhalation: If breathing difficultly or irritation occur and persist, obtain medical attention. Do not apply direct mouth-to-mouth respiration.

Ingestion: Seek medical advice immediately. Have victim rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Treat respiratory difficulty with artificial respiration and oxygen. Administration of oxygen and lavage must be



performed by qualified medical personnel.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media: Water spray, foam , dry chemical , carbon dioxide , sand .

Special procedures: Exercise caution when fighting any chemical fire. Fight fire in early stages if safe to do so. Dike fire control water for later disposal. .

Special exposure hazards: Thermal decomposition generates: hydrogen chloride, hydrogen cyanide, carbon monoxide , nitrogen oxides .

Protection against fire: Wear proper protective equipment. Face mask with ABEK-P2 filter.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Use appropriate protection (see section 8).

Environmental precautions: Prevent entry to sewers and public waters. Do not discharge into the environment. Notify authorities if product enters sewers or public waters.

After spillage and/or leakage: Clean up any spills as soon as possible, using an absorbent material to collect it. Collect and contain as much free liquid as possible. Use suitable disposal containers.

SECTION 7: HANDLING AND STORAGE

Handling: Keep out of reach of children. Avoid contact with the eyes and skin.

Storage: Store in original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight. Do not store near any material intended for use or consumption by humans or animals.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Industrial hygiene: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Wash clothing before re-using. Wash hands thoroughly after handling.

Respiratory protection: Filter mask.



Skin protection: Wear suitable protective clothing

Hand protection: Wear suitable gloves.

Eye protection: Chemical goggles or safety glasses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid - suspension

Colour: White

Odour: Slight characteristic

pH value: 7.0-8.5

Density: 1.15 g/cm³ (at a temperature of 20 °C)

Solubility in water: Miscible.

SECTION 10: STABILITY AND REACTIVITY

Hazardous decomposition products: Thermal decomposition generates: carbon dioxide, carbon monoxide, nitrogen oxides, chlorides.

Hazardous Polymerization: Will not occur.

Materials to avoid: strong acids, bases

Conditions to avoid: Direct sunlight, heat, open flame

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity information: Based on data of a similar product

Rat oral LD₅₀ [mg/kg]: 1260

Rat dermal LD₅₀ [mg/kg] : >5000

Rat inhalation LC₅₀ [mg/l/4h] : >1.53

Dermal irritation (rabbit): Not irritating

Eyes irritation (rabbit): Not irritating

Sensitization: Buehler method: Non sensitizer

SECTION 12: ECOLOGICAL INFORMATION

Ecological effects information: No ecological information is known on the product. The



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data below are for Imidacloprid (active ingredient);

96 H-LC₅₀ - Rainbow trout [mg/l] : 211

48 H-EC₅₀ - Daphnia magna [mg/l] : 85

72H - IC₅₀ - Algae [mg/l] : >100 (*Selenastrum Capricornutum*)

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal: Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: TRANSPORT INFORMATION

Not available

SECTION 15: REGULATORY INFORMATION

Not available

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. 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 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.

THE END OF MATERIAL SAFETY DATA SHEET