

GB/T 16483-2008, GB/T 17519-2013

Safety Data Sheet

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Identification of the substance or mixture

Product name: AF 350 NHS Ester, 1mg; AF 350 NHS Ester, 5mg; AF 350 NHS Ester, 25mg;

AF 350 NHS Ester, 100mg

Product number: 10350-1, 10350-5, 10350-25, 10350-100

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: For research use only.

Uses advised against: No information available.

1.3 Company/undertaking identification

Company: Yantai Crystal Biotech Co., Ltd.

Address: No.39, Keji Avenue, High and new tech development zone, Yantai, Shandong,
China (Postal Code: 264003)

Telephone: +86 535-3800305, +86 18561097966 (24 hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Serious eye damage/eye irritation: Not a dangerous substance or mixture according to the
Globally Harmonized System (GHS)

2.2 Label elements

Signal word: Not applicable

Hazard statements: None

Symbols/Pictograms: None

Precautionary statements - prevention: Wash hands thoroughly after handling

Precautionary statements - response: IF exposed concerned: Get medical advice/attention

Precautionary statements - storage: None

Precautionary statements - disposal: None

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS: None

2.4 Other information

Other hazards: None

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical name: AF 350 NHS Ester

CAS No.:

SECTION 4: First aid measures

Description of first aid measures

General advice: If symptoms persist, call a physician. Do not breathe dust / fume/gas / mist /vapors/spray. Do not get in eyes, on the skin, or on clothing.

Eye contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin contact: Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Immediate medical attention is not required.

Inhalation: Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use a barrier to give mouth-to-mouth resuscitation. Artificial respiration and/or oxygen may be necessary. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.

Ingestion : Do NOT induce vomiting. Rinse/clean mouth with water and drink plenty of water afterward. Never give anything by mouth to an unconscious person. Consult a physician.

Self-protection of the first aider : Use personal protective equipment.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Note to physicians: Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Unsuitable extinguishing media: No information available.

5.2 Special hazards arising from the substance or mixture

Not known.

5.3 Protective equipment and precautions for firefighters

Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

Evacuate personnel to safe areas.

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Soak up with inert absorbent material.

Section 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin, eyes, or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Use with local exhaust ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a dry at -20°C.

7.3 Specific end use(s)

For research use only.

Section 8: Experimental controls/personal protection

8.1 Control parameters

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

8.2 Appropriate engineering controls

Showers, eyewash stations, ventilation systems

8.3 Individual protection measures, such as personal protective equipment

Eye/face protection: Tight sealing safety goggles. Face protection shield.

Skin and body protection: Wear protective gloves and protective clothing.

General hygiene considerations: When using, do not eat, drink or smoke. Regular cleaning of equipment, work area, and clothing is recommended. Avoid contact with skin, eyes, or clothing.

Wash hands thoroughly after handling. Keep away from food, drink, and animal feeding stuff.

Section 9: Physical and chemical properties

Physical state: Solid

Appearance: No information available

Odor/odor threshold: No information available

pH: No information available

Melting point/freezing point: No information available

Boiling point: No information available

Flashpoint: No information available

Liquid density: No information available

Evaporation rate: No information available

Upper flammability limit: No information available

Lower flammability limit: No information available

Vapor pressure: No information available

Vapor density: No information available

Specific gravity: No information available

Water solubility: No information available

Solubility in other solvents: No information available

Partition coefficient: No information available

Autoignition temperature: No information available

Decomposition temperature: No information available

Viscosity: No information available

Explosive properties: No information available

Oxidizing properties: No information available

Section 10: Stability and reactivity

Reactivity: No data available

Chemical stability: May form explosive peroxides

Possibility of hazardous reactions: None under normal processing

Hazardous polymerization: No information available

Conditions to avoid: Extremes of temperatures and direct sunlight

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: Carbon oxides

Section 11: Toxicological information

11.1 Information on likely routes of exposure

Inhalation: No data available

Eye contact: No data available

Skin contact: No data available

Ingestion: No data available

11.2 Information on toxicological effects

Symptoms: No information available

11.3 Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic toxicity: Repeated contact may cause allergic reactions in very susceptible persons.

Avoid repeated exposure.

11.4 Numerical measures of toxicity - product information

Unknown acute toxicity: No information available

Section 12: Ecological information

Ecotoxicity: May cause long-lasting harmful effects to aquatic life.

Persistence and degradability: No information available

Bioaccumulation: No information available

Mobility: No information available

Section 13: Disposal consideration

Disposal of wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging: Do not reuse container

Other information: Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

DOT: Not regulated

IMDG: Not regulated

IATA: Not regulated

SECTION 15: Regulatory information

International Inventories : No information available.

SECTION 16: Other information

Reason for revision : —

Revision number : —

Revision date: 15-May -2024