

Amonafide: sc-207283



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION:

Product Name: Amonafide
Product Number: sc-207283
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

2. COMPOSITION/DATA ON COMPONENTS:

Chemical Name: Amonafide
Synonyms: AS1413; Xanafide; Quinamed
Hazardous Ingredient: Amonafide
CAS Registry Number: 69408-81-7
Molecular Weight: 283.33
Molecular Formula: C₁₆H₁₇N₃O₂

3. HAZARDS IDENTIFICATION:

Hazard Description: Toxic. Contains a pharmaceutically active ingredient. Handling should only be performed by trained personnel familiar with handling of potent active pharmaceutical ingredients. Moderate to severe irritant to the skin and eyes.

4. FIRST AID MEASURES:

After Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If breathing stops, give artificial respiration.

After skin contact: Flush with copious amounts of water. Remove contaminated clothing and shoes. Call a physician.

After eye contact: Check for and remove contact lenses and flush with copious amounts of water. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

After swallowing: If swallowed, wash out mouth with copious amounts of water. Call a physician.

5. FIRE FIGHTING MEASURES:

Suitable extinguishing agents: Water spray, carbon dioxide, dry chemical powder or foam.

Protective equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire hazard: Emits toxic fumes such as carbon monoxide, etc.

6. ACCIDENTAL RELEASE MEASURES:

Person-related safety precautions: Cordon off area of spill; wear self-contained breathing apparatus, protective clothing and heavy rubber gloves.

Measures for cleaning/collecting: Absorb solutions with finely- powdered liquid-binding material (diatomite, universal binders). Decontaminate surfaces and equipment by scrubbing with alcohol. Dispose of contaminated material according to Section 13.

7. HANDLING AND STORAGE:

Information for safe handling: Avoid inhalation and contact with skin, eyes and clothing. Material may be an irritant.

Storage: Store solid and solutions at -20°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Personal protective equipment as follows

Breathing equipment: NIOSH/MSHA-approved respirator.

Protection of hands: Chemical-resistant rubber gloves.

Eye protection: Chemical safety goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Solubility in / Miscibility with water: <1

Solvent content: None

10. STABILITY AND REACTIVITY:

Stability: Stable if stored as directed; avoid strong oxidizing agents

Thermal decomposition / conditions to be avoided: Protect from light and heat

Dangerous products of decomposition: Thermal decomposition may produce toxic gases such as carbon monoxide, carbon dioxide, and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION:

RTECS#

Acute toxicity: None known

Primary irritant effect: Not known

On the skin: None known

On the eye: None known. May be an irritant.

12. ECOLOGICAL INFORMATION:

General notes: No data available.

13. DISPOSAL CONSIDERATION:

Dispose of in accordance with prevailing country, federal, state and local regulations.

14. TRANSPORT INFORMATION:

DOT

Proper shipping name: None

Non-Hazardous for transport: This substance is considered to be non-hazardous for transport.

IATA

Proper shipping name: None

Non-Hazardous for transport: This substance is considered to be non-hazardous for transport.

15. REGULATIONS:

Code letter and hazard designation of product

Hazard-determining components of labeling

EU Risk And Safety phrases

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of water.

S36/37/39 Wear protective clothing, gloves and eye/face protection.

R28	Very toxic if swallowed.
R38	Irritating to skin.
R41	Risk of serious damages to eyes.
R48	Toxic; danger of serious damage to health by prolonged exposure.
R62	Possible risk of impaired fertility.
R63	Possible risk of harm to unborn child.

16. OTHER INFORMATION:

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

5/9/2012