



Material Safety Data Sheet

Section 1 - Chemical Product

Product Name: MS-275 (Entinostat)

Catalog Numbers: A10611

Manufacturer Adooq Bioscience

Section 2 - Composition, Information on Components

CAS Number:	209783-80-2
Molecular Formula:	C ₂₁ H ₂₀ N ₄ O ₃
Molecular Weight:	376.4
Synonyms:	SNDX-275

Section 3 - Hazards Identification

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

Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately. Induce vomiting by giving one teaspoon of Syrup of Ipecac.

Inhalation: Get medical aid immediately. Remove from exposure to fresh air immediately. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

Notes to Physician: Effects may be delayed. Ethanol may inhibit methanol metabolism.

Section 5 - Fire Fighting Measures

Suitable extinguishing agents: **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.

Section 6 - Accidental Release Measures

After Inhalation: 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

Section 7 - Handling and Storage

Handling: void inhalation and contact with skin, eyes and clothing; material may be an irritant

Storage: Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammables-area. Keep containers tightly closed.

Section 8 - Exposure Controls, Personal Protection

Personal Protective Equipment

Eyes: Wear chemical goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: A respiratory protection program that meets OSHA's 29 CFR §1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

Section 9 - 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

Section 10 - Toxicological information

RTECS#:

Acute toxicity: not known

Primary irritant effect: not known

On the skin: not known

On the eye: not known

Section 11 - Ecological information

General notes: no data available

Section 12 - Disposal consideration

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

Section 13 - Transport information

DOT:

Proper shipping name: none

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

IATA class:

IATA class: none

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

Section 14 - 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

Section 15 - Additional Information

MSDS Creation Date: 6/22/2012

Revision #2 Date: 1/14/2014

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