



Material Safety Data

Section 1 - Chemical Product and Company Identification

Product Name: LDN193189
Catalog Number: A11205
Manufacturer Adooq Bioscience
Address: Adooq Bioscience
4000 Barranca Parkway, Suite 250
Irvine, CA 92604
For information, call: 866-930-6790 (Toll Free)

Section 2 - Composition, Information on Component

CAS Number:	1062368-24-4
Molecular Formula:	C ₂₅ H ₂₂ N ₆
Molecular Weight:	406.48
Synonyms:	LDN-193189

Section 3 - Hazards Identification

Toxic. Contains a pharmaceutically active ingredient. Handling should only be performed by personnel trained in the handling of 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.

Skin: Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing or shoes. 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. 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, use mouth-to-mouth resuscitation. If breathing has ceased, apply artificial respiration using oxygen and a suitable mechanical device.

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 protect 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 headgear.
Measures for cleaning/collecting: absorb solutions with finely-powdered liquid-binding material (diatomite, etc.) on surfaces and equipment by scrubbing with alcohol; dispose of contaminated material according to Section 13

Section 7 - Handling and Storage

Handling: avoid 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. 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 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

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 damage 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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