

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product Name: DCP-NEt₂C (DCP-coumarin)

Product Number: DNC002-2

CAS-No:

1.2 Recommended use and restrictions on use

Laboratory chemical for research use only, not for human or veterinary use.

1.3 Supplier address and contact information

Company Name: Xoder Technologies, LLC

Address: 575 N. Patterson Ave. Mailbox 4, Winston-Salem, NC 27101

Phone number: 336-842-5408

Email: info@xodertech.com

Website address: www.xodertech.com

1.4 Emergency phone # +1 (203) 824-0232

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements

None, this is not a hazardous substance or mixture.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Material may be irritating to the mucous membranes and upper respiratory tract. May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigated.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms: 4-(3-(1-(7-(diethylamino)-2-oxo-2H-chromen-3-yl)-1H-1,2,3-triazol-4-yl)propyl)cyclohexane-1,3-dione

Formula: C₂₄H₂₈N₄O₄

DCP-NEt₂C

Molecular weight: 436.51 g/mol

CAS Number:

Concentration and physical state: yellow/orange solid, purity >95%

No components need to be disclosed according to the applicable regulations.

SECTION 4. FIRST-AID MEASURES

4.1 Description of first aid measures

If inhaled: move person to fresh air and if not breathing, give artificial respiration and get immediate medical attention.

In case of skin contact: wash skin with soap and plenty of water, get medical attention if symptoms develop.

In case of eye contact: flush eyes with plenty of water as a precaution, get medical attention if symptoms develop.

If ingested: Rinse mouth with water if the person is conscious. Never give anything by mouth to an unconscious person, get immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in Section 2 and Section 11.

4.3 Indication of any immediate required treatment

No data available

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing techniques and equipment

Use water, alcohol-resistant foam, dry chemical spray or carbon dioxide.

5.2 Flammable properties and hazards

No data available.

5.3 Fire-fighting instructions

As in any fire, wear self-contained breathing apparatus, and full protective gear to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation and breathing of dust, vapors, mist or gas. For personal protection see Section 8.

6.2 Environmental precautions

Avoid release into the environment. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Contain spill and collect, as appropriate, in a chemical waste container for disposal in accordance with local regulations.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid breathing dust/fume/gas/mist/vapors/spray and/or prolonged or repeated exposure. Work in areas with appropriate exhaust ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Recommended long term storage at -20 °C . Storage class (TRGS 510): 13: Non-Combustible Solids

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering controls

General industrial hygiene practice to control airborne levels below recommended exposure limits.

Personal protective equipment

Eye/face

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with compatible chemical-resistant gloves. After use, dispose the gloves in accordance with applicable laws and good laboratory practices.

Body Protection

Lab coat recommended. The type of protective equipment must be selected according to the concentration and amount of the substance at the specific workplace.

Respiratory protection

As conditions warrant, use NIOSH approved respirator.

Work/hygienic/maintenance practices

Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower. Wash thoroughly after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic Physical and Chemical Properties

Physical States:	Solid
Appearance:	White
Odor:	No data available.
pH:	No data available.
Melting Point:	No data available.
Boiling Point:	No data available.
Flash Pt:	No data available.
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower flammability or explosive limits:	No data available.
Vapor Pressure (vs. Air or mm Hg):	No data available.
Vapor Density (vs. Air = 1):	No data available.
Specific Gravity (Water = 1):	No data available.
Water Solubility:	No data available.
Octanol/Water Partition Coefficient:	No data available.
Autoignition Pt:	No data available.
Decomposition Temperature:	No data available.
Viscosity:	No data available.
Explosive properties:	No data available
Oxidizing properties:	No data available

9.2 Other information

Percent Volatile: No data available.

Molecular Formula & Weight: C₂₄H₂₈N₄O₄, 436.51 g/mol

SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity.** No data available.
- 10.2 Chemical stability.** Stable for at least 6 months when stored at -20 °C .
- 10.3 Possibility of hazardous reactions.** No data available
- 10.4 Conditions to avoid.** No data available.
- 10.5 Incompatible materials.** No data available.
- 10.6 Hazardous decomposition products.** No data available, see also Section 5.

SECTION 11. TOXICOLOGICAL INFORMATION

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Carcinogenicity. No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by **IARC**, as a carcinogen or potential carcinogen by **ACGIH**, as a known or anticipated carcinogen by **NTP**, nor is it on OSHA's list of regulated carcinogens.

SECTION 12. ECOLOGICAL INFORMATION

- 12.1 Toxicity.** Avoid release into the environment. To the best of our knowledge, the toxicological properties have not been thoroughly investigated.
- 12.2 Persistence and degradability.** No data available.
- 12.3 Bioaccumulative potential.** No data available.
- 12.4 Mobility in soil.** No data available.
- 12.5 Results of PBT and vPvB assessment.** No data available.
- 12.6 Other adverse effects.** No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal method. Dispose in accordance with local, state, and federal regulations.

SECTION 14. TRANSPORT INFORMATION

- 14.1 Land transportation (US DOT).** Not dangerous goods.
- 14.2 Transportation by water on vessel (IMDG).** Not dangerous goods.
- 14.3 Air transportation (ICAO/IATA).** Not dangerous goods.
- 14.4 Additional Transport Information:** Transport in accordance with local, state, and federal regulations.

SECTION 15. REGULATORY INFORMATION

15.1 SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

SARA 302 Components. No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components. This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards. No SARA Hazards

15.2 Other US EPA or State Lists

No components are subject to the Massachusetts Right to Know Act, Pennsylvania Right to Know Act, New Jersey Right To Know Components, or California Prop. 65 Components

15.3 Regulatory information statement

This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC) Statement: No.1272/2008.

SECTION 16. OTHER INFORMATION

Revision Date: 8/30/2021

Additional Information About This Product: None.

COMPANY DISCLAIMER: This information represents the best information currently available to us and should be used only as a guide for safety precautions. It does not represent any guarantee of the properties of the product. Users should determine the suitability of the information for their particular purposes. Xoder Technologies, LLC shall not be held liable for any damage resulting from handling or from contact with the above product.