

Safety Data Sheet

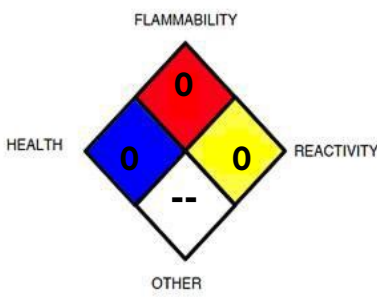
Section 1: Product & Company Identification

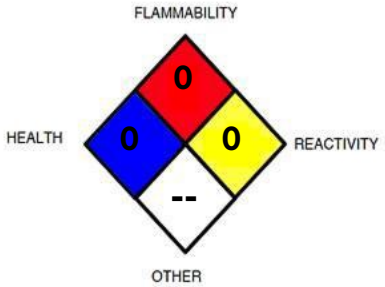
Product Name:	CNQX
Product #:	C-1053
Synonyms:	6-cyano-7-Nitroquinoxaline-2,3-dione; FG 9065
Supplier:	AG Scientific Holdings, LLC 9950 Scripps Lake Drive, Suite 104 San Diego, CA 92131 Tele# + 858-452-9925
Emergency Tele#:	ChemTel, Tele# in USA 1-800-255-3924, International 1-813-248-0585

Section 2: Composition / Information on Ingredients

Component	CAS#	EC #	% Composition
CNQX	115066-14-3	-	≥95

Section 3: Hazards Identification

Symbols	N/A
HMIS Classification	<p style="text-align: center;">FLAMMABILITY</p>  <p style="text-align: center;">OTHER</p>

NFPA Classification	 <p>The diagram is a diamond-shaped hazard diamond. The top triangle is red and labeled 'FLAMMABILITY' with a '0'. The left triangle is blue and labeled 'HEALTH' with a '0'. The right triangle is yellow and labeled 'REACTIVITY' with a '0'. The bottom triangle is white and labeled 'OTHER' with '--'.</p>
----------------------------	--

Section 4: First Aid Measures

General Overview:	May be harmful by inhalation, ingestion, or skin absorption.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.
Skin:	Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.
Eyes:	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical personnel.
Ingestion:	Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.
	See section 11 for more detailed information on health effects & symptoms.

SECTION 5: Fire Fighting Measures

Flammability of the product:	No data available
Extinguishing Media:	Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray. Use water spray to cool fire-exposed containers. A solid water stream may be inefficient.
Hazardous thermal (de)composition products:	No data available
Special Fire Fighting Procedures:	As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.
Flash Point:	No data available

Section 6: Accidental Release Measures





Personal Precautions:	Avoid raising and breathing dust and provide adequate ventilation. As conditions warrant, wear a NIOSH approved self-contained breathing
------------------------------	--

	apparatus, or respirator, and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).
Environmental Precautions:	Take steps to avoid release into the environment, if safe to do so.
Methods for Clean-up:	Contain spill and collect, as appropriate. Transfer to a chemical waste container for disposal in accordance with local regulations.

SECTION 7: Handling & Storage

Storage:	Keep container tightly closed. Store in accordance with information listed on the product insert. Store at -20°C.
Handling:	Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid prolonged or repeated exposure.

SECTION 8: Exposure controls / Personal Protection

Respiratory Protection:	 <p>NIOSH approved respirator, as conditions warrant.</p>
Skin and Body:	  <p>Compatible chemical-resistant gloves. Lab coat.</p>
Eyes:	 <p>Safety glasses.</p>

Ventilation/Engineering Measures:	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
Hygiene:	Handle in accordance with good industrial hygiene and safety practice.
Other:	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

Appearance & Odor:	Yellow powder
Formula	C ₉ H ₄ N ₄ O ₄
Molecular Wt.	232.2
Melting Pt.	No data available
Boiling Pt.	No data available
Density:	No data available
Vapor Pressure:	No data available
Evaporation Rate:	No data available
Vapor Density:	No data available
Solubility:	~0.5 mg/mL in a 1:1 solution of DMF:PBS (pH 7.2); ~5 mg/mL in DMSO; ~12 mg/mL in DMF
Flash Point:	No data available
Autoignition Temp:	No data available

SECTION 10: Stability and Reactivity

Stability:	Stable under recommended storage conditions.
Hazardous decomposition products:	Carbon dioxide, carbon monoxide, nitrogen oxides
Materials to Avoid:	Strong acids, strong bases
Conditions to avoid:	No data available

SECTION 11: Toxicological Information

RTECS#:	VD1520000
ACUTE Toxicity:	Subcutaneous TDLO (rat): 133 ng/kg Intracerebral TDLO (rat): 93 ng/kg Intracerebral TDLO (mouse): 0.2 µg/kg
CHRONIC Toxicity:	N/A
Chronic Exposure: Carcinogen: Mutagen:	IARC: 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.

Teratogen: Reproductive:	<p>AGGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, potential human carcinogen by AGGIH.</p> <p>NTP: No component of this product present at levels greater than or equal to 0.1% is identified as known or anticipated human carcinogen by NTP.</p> <p>OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as known or potential human carcinogen by OSHA.</p> <p>EPA: No classification on carcinogenic data is available from EPA</p>
-------------------------------------	---

SECTION 12: Ecological Information

Ecotoxicity:	Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.
Mobility:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Other adverse effects:	No data available
Corrosivity Characteristic:	No data available
General Notes:	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 13: Disposal Considerations

Residue Waste or Unused product:	Dispose in accordance with local, state, and federal regulations.
Contaminated Packaging:	Dispose of as unused product.

SECTION 14: Transportation Information

UN ID#:	N/A
ADR / RID (LAND):	Not regulated
DOT regulations:	Not regulated
IMDG/IMO (SEA):	Not regulated
IATA/DGR (AIR):	Not regulated
Special Provisions:	N/A

SECTION 15: Regulatory Information

Health Phrases:	Not hazardous
Risk Phrases:	N/A

Safety Phrases:	N/A
EU Regulations:	N/A
US Regulations:	TSCA: No products were found California Proposition 65: No products were found
U.S. Federal Regulations:	SARA 302/304 emergency planning and notification: No products were found. SARA 311/312 MSDS distribution-chemical inventory-hazard identification: No products were found. SARA 313 toxic chemicals notification and release reporting: No products were found. Clean Water Act (CWA) 307: No products were found. Clean Water Act (CWA) 311: No products were found. Clean Air Act (CAA) 112 accidental release prevention: No products were found. Clean Air Act (CAA) 112 regulated flammable substances: No products were found. Clean Air Act (CAA) 112 regulated toxic substances: No products were found. OSHA: No products were found.
WHMIS (Canada):	N/A

SECTION 16: Other Information

LIABILITY STATEMENT: *The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. AG Scientific shall not be held liable for any damages resulting from handling or from contact with the above product. AG Scientific products are for research purposes only. Not for human use or consumption.*