

Safety Data Sheet

Section 1: Product & Company Identification		
Product Name:	DAPI	
Product #:	D-3000	
Synonyms:	DAPI dihydrochloride	
	4',6-Diamidino-2-phenylindole, 2HCl	
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
DAPI	28718-90-3	249-186-7	

Section 3:	Hazards Identification
Symbols	

HMIS Rating

Health Hazard	Chronic Health Hazard	Flammability	Physical Hazard

NFPA Rating

Health Hazard	Fire Hazard	Reactivity Hazard

Section 4: First Aid Measures	
General	Show this material safety data sheet to the doctor in attendance.
Overview:	
Inhalation:	After inhalation: fresh air.



Skin:	In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Consult a physician.
Eyes:	After eye contact: rinse out with plenty of water. Remove contact lenses.
Ingestion:	After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.
	See section 11 for more detailed information on health effects & symptoms.

SECTION 5: Fire Fighting Measures		
Flammability of the product:	Combustible	
Extinguishing Media:	Water, Foam, Carbon dioxide (CO2), Dry powder	
Hazardous thermal (de)composition products:	Hydrogen chloride gas, nitrogen oxides, nitrous gases.	
Special Fire Fighting Procedures:	Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing. Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.	
Flash Point:	No data available	

Section 6: Accidental Release Measures		
Personal Precautions:	Advice for non-emergency personnel: Avoid inhalation of dusts. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.	
Environmental Precautions:	Do not let product enter drains.	
Methods for Clean-up:	Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.	

SECTION 7:	Handling & Storage
Storage:	Tightly closed. Dry. Recommended storage temperature: -20°C Storage class (TRGS 510): 11: Combustible Solids
Handling:	For precautions see section 2.2.

SECTION 8: Exposure controls / Personal Protection



Respiratory Protection:		
	Recommended Filter type: Filter type P2	
	The entrepeneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented. Required when dusts are generated.	
	Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.	
Skin and Body:	Protective gloves and lab coat.	
Eyes:	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses	
Ventilation/Engineering Measures:	Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance. Do	
	not let product enter drains.	
Hygiene:	Follow standard good industrial hygiene practices.	
Other:	Contains no substances with occupational exposure limit values.	



SECTION 9: Physical and Chemical Properties		
Appearance &	Solid. Yellow.	
Odor:		
Formula	C ₁₆ H ₁₅ N ₅ • 2HCl	
Molecular Wt.	350.3	
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:	Water, Methanol, Ethanol, DMSO	
Flash Point:	No data available	
Autoignition	No data available	
Temp:		

SECTION 10: Sta	bility and Reactivity
Stability:	The product is chemically stable under standard ambient conditions (room temperature).
Hazardous decomposition products:	In the event of fire, see section 5.
Materials to Avoid:	Strong oxidizing agents
Conditions to avoid:	No data available

SECTION 11: Toxicological Information	
RTECS#:	N/A
ACUTE Toxicity:	Specific target organ toxicity - single exposure May cause respiratory irritation.
CHRONIC Toxicity:	N/A
Chronic Exposure: Carcinogen: Mutagen: Teratogen: Reproductive:	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. AGGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, potential human carcinogen by ACGIH. 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. 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.



EPA: No classification on carcinogenic data is available from EPA

SECTION 12: Ecological Information		
Ecotoxicity:	No data available	
Mobility:	No data available	
Persistence and	No data available	
degradability:		
Bioaccumulative	No data available	
potential:		
Other adverse	No data available	
effects:		
Corrosivity	No data available	
Characteristic:		
General Notes:	No data available	

SECTION 13: Disposal Considerations	
Residue Waste or Unused product:	Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste.
Contaminated Packaging:	Handle uncleaned containers like the product itself.

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:	Warning!
	H315 Causes skin irritation.
	H317 May cause an allergic skin reaction.
	H335 May cause respiratory irritation.
Risk Phrases:	P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
	P264 Wash skin thoroughly after handling.
	P271 Use only outdoors or in a well-ventilated area.
	P272 Contaminated work clothing must not be allowed out of the
	workplace.
	P280 Wear protective gloves.
Safety Phrases:	P302 + P352 IF ON SKIN: Wash with plenty of soap and water.



	P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep
	comfortable for breathing. Call a POISON CENTER/ doctor if you feel
	unwell.
	P333 + P313 If skin irritation or rash occurs: Get medical advice/
	attention.
	P362 Take off contaminated clothing and wash before reuse.
	P403 + P233 Store in a well-ventilated place. Keep container tightly
	closed.
	P405 Store locked up.
	P501 Dispose of contents/ container to an approved waste disposal plant.
EU Regulations:	N/A
US Regulations:	TSCA: Not listed
	California Proposition 65: No products were found
U.S. Federal	SARA 302/304 emergency planning and notification: No products were
Regulations:	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: Skin irritation (Cat. 2); Skin sensitization (Sub-cat. 1A); Specific
	target organ toxicity - single exposure - respiratory system (Cat. 3)
WHMIS (Canada):	N/A

SECTION 16: Other Information

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