

# Safety Data Sheets



## Aqua-Dispersion Naphthol Carmine Pr5

Product code: PD-200075

Department: aqua-dispersion pigments

C.A.S. : 111-42-2, 111-76-2, 126-86-3, 8052-41-3, 9016-45-9, 7664-41-7

### Section: 1 Identification

Product name	Naphtol Carmine Aqua Dispersion
Product use	Colorant.
Chemical family	organic pigment

### Section: 2 Hazard Identification

Hazards not otherwise classified	No specific dangers known, if the regulations/notes for storage and handling are considered.
Labeling of special preparations (GHS)	Product contains the following components and may cause an allergic skin reaction: 1,2-benzisothiazol-3(2H)-one. Due to the low concentrations in this product, sensitization is not expected to occur

### HGS Label Elements



## Signal Word

Warning

## GHS Classification

## Hazard statements

P280	Wear protective gloves.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P272	Contaminated work clothing should not be taken out of the workplace.
P303 + P352	IF ON CONTACT WITH SKIN (or hair): wash with plenty of soap and water.
P333 + P311	If irritation or rash occurs: Call a POISON CENTER or doctor
P362 + P364	Remove contaminated clothing and wash before reuse.
P501	Have contents/container disposed of at a special or hazardous waste collection point.

## Precautionary Statements

H318	Causes serious eye damage.
H315	Causes skin irritation.
H412	Harmful to aquatic life with long lasting effects.
H401	Toxic to aquatic life.

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## Section: 3 Composition / Information on Ingredients

According to Hazardous Products Regulations (HPR) (SOR/2015-17)

CAS Number	Weight %	Chemical name
111-42-2	>= 1.0 - < 2.0%	2,2'-iminodiethanol
111-76-2	>= 1.0 - < 2.0%	2-butoxyethanol
126-86-3	>= 1.0 - < 2.0%	2,4,7,9-Tetramethyldec-5-yne-4,7-diol
8052-41-3	>= 1.0 - < 2.0%	Stoddard solvent
9016-45-9	>= 1.0 - < 5.0%	Nonylphenol, ethoxylated
7664-41-7	>= 0.5 - <= 0.9%	ammonia

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## Section: 4 First Aid Measures

General advice	Immediately remove contaminated clothing.
If inhaled	If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.
If on skin	Wash affected areas thoroughly with soap and water. Seek medical attention.
If in eyes	Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention.
If swallowed	Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.
Most important symptoms and effects, both acute and delayed	
Symptoms	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known.
Indication of any immediate medical attention and special treatment needed	
Note to physician	
Treatment	Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## Section: 5 Fire Fighting Measures

Extinguishing media	
Suitable extinguishing media	water spray, dry powder, foam
Special hazards arising from the substance or mixture	
Hazards during fire-fighting	harmful vapours. Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.
Advice for fire-fighters	
Protective equipment for fire-fighting	Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.
Further information	Contaminated extinguishing water must be disposed of in accordance with official regulations.

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## Section: 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Use personal protective clothing.
Environmental precautions	Do not discharge into drains/surface waters/groundwater.
Methods and material for containment and cleaning up	
For small amounts	Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations. Pump off product.
For large amounts	Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.
For residues	Spills should be contained, solidified, and placed in suitable containers for disposal.

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## Section: 7 Handling And Storage

Precautions for safe handling	No special measures necessary provided product is used correctly. Protection against fire and explosion: No special precautions necessary.
Conditions for safe storage, including any incompatibilities	
Further information on storage conditions	Keep container tightly closed and in a cool place.

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## Section: 8 Exposure Control/Personal Protection

Components with occupational exposure limits		
2-butoxyethanol	OSHA PEL	Skin Designation ; The substance can be absorbed through the skin. PEL 50 ppm 240 mg/m <sup>3</sup> ; TWA value 25 ppm 120 mg/m <sup>3</sup> ; SKIN_FINAL ; The substance can be absorbed through the skin.
	ACGIH TLV	TWA value 20 ppm ;
2,2'-iminodiethanol	OSHA PEL	TWA value 3 ppm 15 mg/m <sup>3</sup> ;
	ACGIH TLV	TWA value 1 mg/m <sup>3</sup> Inhalable fraction and vapor ; Skin Designation Inhalable fraction and vapor ; The substance can be absorbed through the skin.
Personal protective equipment		
Respiratory protection		Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.
Hand protection		Chemical resistant protective gloves
Eye protection		Tightly fitting safety goggles (chemical goggles).
Body protection		Impermeable protective clothing
General safety and hygiene measures		Handle in accordance with good industrial hygiene and safety practice.

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## Section: 9 Physical and Chemical Properties

Form	liquid
Odour	ammonia-like
Odour threshold	Not determined due to potential health hazard by inhalation.
Colour	red
pH value	9.2 - 10.2 ( 20 °C)
melting point (decomposition)	not applicable
Boiling point	> 100 °C
Flash point	> 100 °C
Flammability	not determined
Autoignition	not determined
Vapour pressure	( 20 °C)
Density	1.09 g/cm <sup>3</sup> ( 20 °C)
Relative density	No data available.
Vapour density	not determined
Self-ignition temperature	not self-igniting
Thermal decomposition	not determined
% volatiles:	
Solubility in water	dispersible
Evaporation rate	not determined

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## Section: 10 Stability And Reactivity

Reactivity	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions	No hazardous reactions when stored and handled according to instructions. The product is chemically stable.
Conditions to avoid	No conditions to avoid anticipated.
Incompatible materials	No substances known that should be avoided.
Hazardous decomposition products	No hazardous decomposition products if stored and handled as prescribed/indicated.
Thermal decomposition	not determined

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## Section: 11 Toxicological Information

Primary routes of exposure	Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.
Acute Toxicity/Effects	
Oral	
Type of value	LD50
Species	rat
Value	> 5,000 mg/kg
Inhalation	
Type of value	LC50
Species	rat
Exposure time	4 h
Result	not determined
Dermal	
Type of value	LD50
Species	rat
Result	not determined
Assessment other acute effects	No data available.
Skin	
Species	rabbit
Result	Slightly irritating.
Eye	
Species	rabbit
Result	Risk of serious damage to eyes.
Sensitization	
Assessment of sensitization	The product contains 1,2-benzisothiazolin-3-one (CAS-No.: 2634-33-5). Due to the low concentrations in this product, sensitization is not expected to occur. No data available.
Aspiration Hazard	No aspiration hazard expected.
Chronic Toxicity/Effects	
Repeated dose toxicity	
Assessment of repeated dose toxicity	No data available.
Genetic toxicity	
Assessment of mutagenicity	No data available concerning mutagenic effects.
Carcinogenicity	
Assessment of carcinogenicity	No data available.
Reproductive toxicity	
Assessment of reproduction toxicity	No data available.
Teratogenicity	
Assessment of teratogenicity	No data available.
Other Information	The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.
Symptoms of Exposure	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known.

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## Section: 12 Ecological Information

Toxicity	
Toxicity to fish	LC50 (96 h)
Result	1 - 10 mg/l, Fish
Aquatic invertebrates	LC50 (48 h), daphnia
Result	not determined
Aquatic plants	EC50 (72 h), algae
Result	not determined
Chronic toxicity to fish	No data available.
Chronic toxicity to aquatic invertebrates	No data available.
Microorganisms/Effect on activated sludge	
Toxicity to microorganisms	bacteria/EC50 (0.5 h):
Result	not determined
Persistence and degradability	
Assessment biodegradation and elimination (H <sub>2</sub> O)	The colourant is insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plant
Bioaccumulative potential	
Assessment bioaccumulation potential	The product has not been tested.
Mobility in soil	
Assessment transport between environmental compartments	No data available.
Additional information	
Environmental fate & pathway	Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.
Other ecotoxicological advice	The product has not been tested. The statements on ecotoxicology have been derived from products of a similar structure and composition.

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## Section: 13 Disposal Considerations

Waste disposal of substance	Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.
Container disposal	Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

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## Section: 14 Transport Information

Land transport (TDG)	Not classified as a dangerous good under transport regulations
Sea transport (IMDG)	
Hazard class	9
Packing group	III
ID number	UN 3082
Hazard label	9, EHSM
Marine pollutant	YES
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (contains nonylphenoethoxylate)
Air transport (IATA/ICAO)	
Hazard class	9
Packing group	III
ID number	UN 3082
Hazard label	9, EHSM
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (contains nonylphenoethoxylate)

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## Section: 15 Regulatory Information

VOC content	30 g/l	
Federal Regulations Registration status: Chemical	DSL, CA quantity / not listed	released; restriction on
According to Controlled Products Regulations (CPR) (SOR/88-66) WHMIS classification: D2A D2B E	Materials Causing Other Toxic Effects - Very toxic material Materials Causing Other Toxic Effects - Toxic material Corrosive material	
Proposition 65 (California)	This product contains a chemical known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .	

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## Section: 16 Other Information

Reference	Manufacturer's material safety data sheet.
Prepared by	Kama pigments

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