

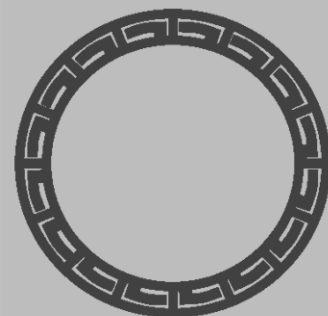
Material Safety Data Sheet

Aqua-Dispersion Naphthol Red

Product Code: PD-200065

Department: aqua-dispersion pigments

C.A.S.: 68187-76-8, 64741-88-4, 64741-88-4, 126-86-3, 135-61-5, 2634-33-5,
55965-84-9



KAMA
PIGMENTS

Section: 1 Identification

Product Name	Naphtol Red Aqua-Dispersion
Recommended use	pigment preparation
Chemical family	pigment, dispersion

Section: 2 Hazard Identification

Hazards not otherwise classified	No specific dangers known, if the regulations/notes for storage and handling are considered.
----------------------------------	--

GHS Label Elements



Signal Word

Warning

GHS Classification

Skin sensitization Cat.1 skin sensitization
Aquatic acute Cat.3 Hazardous to the aquatic environment
- acute
Aquatic chronic Cat.3 Danger for the aquatic environment -
chronic

Hazard Statements

H317May cause an allergic skin reaction.
H402Harmful to aquatic life.
H412Harmful to aquatic life with long lasting effects.

Precautionary Statements

Precautionary Statements (Prevention):

P280Wear protective gloves.
P261Avoid breathing dust/fume/gas/mist/vapours/spray.
P273Avoid release to the environment.
P272Contaminated work clothing should not be allowed out of
the workplace.

Precautionary Statements (Response):

P303 + P352 IF ON SKIN (or hair):Wash with plenty of soap and
water.
P333 + P311 If skin irritation or rash occurs:Call a POISON
CENTER or doctor/physician.
P362 + P364Take off contaminated clothing and wash it before
reuse.

Precautionary Statements (Disposal):

P501Dispose of contents/container to hazardous or special
waste collection
point.

Section: 3 Composition / Information on Ingredients

CAS Number	Weight %	Chemical name
68187-76-8	>= 1.0 - < 3.0%	Castor oil, sulfated, sodium salt
64741-88-4	>= 0.2 - < 1.0%	Distillates (petroleum), solvent-refined heavy paraffinic
64741-89-5	>= 0.2 - < 1.0%	Distillates (petroleum), solvent-refined light paraffinic
126-86-3	>= 0.3 - < 1.0%	2,4,7,9-Tetramethyldec-5-yne-4,7-diol
135-61-5	>= 0.3 - < 1.0%	2-Naphthalenecarboxamide, 3-hydroxy-N-(2-methylphenyl)-
2634-33-5	>= 0.0 - < 0.1%	1,2-benzisothiazol-3(2H)-one
55965-84-9	>= 40.0 - <= 60.0PPM	mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Section: 4 First-Aid Measures

General advice	Remove contaminated clothing.
If inhaled	Keep patient calm, remove to fresh air, seek medical attention. Assist in breathing if necessary.
If on skin	Remove contaminated clothing. Wash thoroughly with soap and water. If irritation develops, seek medical attention.
If in eyes	Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, 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.

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.

Section: 6 Accidental Release Measures

Personal precautions, protective equipment and emergency proceduresUse 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.

For large amounts

Pump off product.

For residues

Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations. Spills should be contained, solidified, and placed in suitable containers for disposal.

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

Suitable materials for containers

High density polyethylene (HDPE)

Further information on storage conditions

Keep container tightly closed and in a cool place. Protect product from freezing temperatures

Section: 8 Exposure Control/Personal Protection

Components with occupational exposure limits

Distillates (petroleum), solvent-refined heavy paraffinic	OSHA PEL ACGIH TLV	PEL 500 ppm 2,000 mg/m ³ ; PEL 5 mg/m ³ Mist ; TWA value 5 mg/m ³ Mist ; Included in the regulation, but with no data values - See the regulation for further details; Exposure by all routes should be carefully controlled to levels as low as possible. TWA value 5 mg/m ³ Inhalable fraction ;
Distillates (petroleum), solvent-refined light paraffinic	OSHA PEL ACGIH TLV	PEL 5 mg/m ³ Mist ; TWA value 5 mg/m ³ Mist ; Included in the regulation, but with no data values - See the regulation for further details; Exposure by all routes should be carefully controlled to levels as low as possible. TWA value 5 mg/m ³ Inhalable fraction; Advice on system design: Provide local exhaust ventilation to control vapours/mists.

Personal protective equipment

Respiratory protection	Wear respiratory protection if ventilation is inadequate.
Hand protection	Chemical resistant protective gloves
Eye protection	Safety glasses with side-shields. Wear face shield if splashing hazard exists.
General safety and hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Due to the colouring properties of the product closed work clothes should be used, to avoid stains during manipulation. Eye wash fountains and safety showers must be easily accessible.

Section: 9 Physical and Chemical Properties

Form	liquid
Odour	characteristic
Odour threshold	not determined
Colour	red
pH value	9.8 (25 °C)
Freezing point	< 0 °C
boiling temperature	100 °C
Flash point	> 100 °C
Flammability	not determined
Lower explosion limit	For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.
Upper explosion limit	For liquids not relevant for classification and labelling.
Autoignition	not determined
Vapour pressure	1.013 hPa (20 °C)
Density	1.18 g/cm ³ (20 °C)
Relative density	No data available.
Vapour density	not determined
Partitioning coefficient n-octanol/water (log Pow)	not applicable for mixtures
Self-ignition temperature	not self-igniting
Thermal decomposition	not determined
Solubility in water	slightly soluble
Evaporation rate	not determined

Section: 10 Stability And Reactivity

Reactivity	No hazardous reactions if stored and handled as prescribed/indicated.
Oxidizing properties	not fire-propagating
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	See MSDS section 7 - Handling and storage.
Incompatible materials	None known during use and storage if used according to instructions.
Hazardous decomposition products	No hazardous decomposition products if stored and handled as prescribed/indicated.
Thermal decomposition	not determined

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	
Acute toxicity	Assessment of acute toxicity: Not expected to be acutely toxic. The product has not been tested. The statement has been derived from the properties of the individual components.
Oral	
Type of value	LD50
Species	rat
Result	not determined
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.
Irritation / corrosion	
Assessment of irritating effects	Not irritating to eyes and skin. The product has not been tested. The statement has been derived from the properties of the individual components.
Skin	
Species	rabbit
Result	not determined
Eye	
Species	rabbit
Result	not determined
Sensitization	
Assessment of sensitization	May cause allergic skin reaction. The product has not been tested. The statement has been derived from the properties of the individual components. 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	None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen.
Reproductive toxicity	
Assessment of reproduction toxicity	No data available.
Teratogenicity	
Assessment of teratogenicity	No data available.
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.

Section: 12 Ecological Information

Toxicity

Toxicity to fish Result	LC50 (96 h), Fish 10 - 100 mg/l
Aquatic invertebrates Result	LC50 (48 h), daphnia not determined
Aquatic plants Result	EC50 (72 h), algae 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 Result	bacteria/EC50 (0.5 h): not determined

Bioaccumulative potential

Assessment bioaccumulation potential The product has not been tested.

Mobility in soil

Assessment transport between environmental compartments No data available.

Additional information

Add. remarks environm. fate & pathway Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.

Other ecotoxicological advice Do not discharge product into the environment without control.

Section: 13 Disposal Considerations

Waste disposal of substance	Dispose of in accordance with national, state and local regulations.
Container disposal	Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

Section: 14 Transport Information

Land transport (TDG)	Not classified as a dangerous good under transport regulations
Sea transport (IMDG)	Not classified as a dangerous good under transport regulations
Air transport (IATA/ICAO)	Not classified as a dangerous good under transport regulations

Section: 15 Regulatory Information

Federal Regulations

Registration status	Chemical	DSL, CA	released / listed
---------------------	----------	---------	-------------------

Section: 16 Other Information

reference	manufacturer's material safety data sheet
prepared by	Kama pigments

Disclaimer:

Kama pigments, expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages.

Do not use ingredient information and/or ingredient percentages in this MSDS as a product specification. For product specification information, refer to a Product Specification Sheet and/or a Certificate of Analysis. These can be obtained from your local Kama pigments Sales Office.

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Kama pigments makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Kama pigments' control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.



Last revision: 2017-07-02