

1. Product and Company Identification

www.rxmarine.com

Product Name Naphthalene sulfonic Acid with Formaldehyde
Part Number RXSOL-67-6704-026

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

Phone +91 22 20871200 - 1400
Fax +91 22 27612100 ::AOH :0091 9821214367
Email mail@rxmarine.com
Website www.rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

Chemical Name	Cas No	Content (W/W)
Naphthalenesulfonic acid, polymer with formaldehyde, sodium salt	9084-06-4	93.5 %
Sodium sulfate	7757-82-6	4.5 %
Formaldehyde	50-00-0	< 0.1 %

3. Hazards Identification

www.rxmarine.com

Emergency overview	CAUTION: NO PARTICULAR HAZARDS KNOWN. Wash thoroughly after handling.
Primary routes of exposure	Do not breathe dust. Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.
Medical conditions aggravated by overexposure	Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product. See MSDS section 11 - Toxicological information.

4. First Aid Measures

www.rxmarine.com

General advice	Remove contaminated clothing.
If inhaled	If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.
If on skin	Wash thoroughly with soap and water.
If in eyes	Wash affected eyes for at least 15 minutes under running water with eyelids held open.
If swallowed	Rinse mouth and then drink plenty of water. Do not induce vomiting.

Note to physician

Immediate medical attention required.

Treatment: Treat according to symptoms (decontamination, vital functions), no known

specific antidote.

5. Fire-fighting Measures

www.rxmarine.com

Flash point	> 100 °C (DIN 51758)
Autoignition	> 200 °C (DIN 51794)
Flammability	Not self-igniting
Suitable extinguishing media	water spray, dry extinguishing media, foam
Unsuitable extinguishing media for safety reasons	carbon dioxide
Additional information	Avoid whirling up the material/product because of the danger of dust explosion.
Hazards during fire-fighting	Harmful vapours Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.
Protective equipment for fire-fighting	Wear a self-contained breathing apparatus.
Further information	Dusty conditions may ignite explosively in the presence of an ignition source causing flash fire.
NFPA Hazard codes	Health : 1 Fire: 1 Reactivity: 0 Special:

6. Accidental Release Measures

www.rxmarine.com

Personal precautions	Avoid dust formation. Use personal protective clothing.
Environmental precautions	Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.
Cleanup	Avoid raising dust. For small amounts: Pick up with suitable appliance and dispose of. For large amounts: Contain with dust binding material and dispose of.

7. Handling and Storage

www.rxmarine.com

Handling

General advice	Closed containers should only be opened in well-ventilated areas.
Protection against fire and explosion	Avoid dust formation. Take precautionary measures against static discharges.

Storage

General advice	Keep container tightly closed and dry; store in a cool place.
----------------	---

8. Exposure controls and personal protection

www.rxmarine.com

Components with workplace control parameters	Formaldehyde OSHA TWA value 0.75 ppm ; STEL value 2 ppm ; OSHA_ACT 0.5 ppm ;
--	--

Advice on system design	ACGIH CLV 0.3 ppm ;
Respiratory protection	Provide local exhaust ventilation to control dust. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.
Hand protection	Chemical resistant protective gloves
Eye protection	Wear safety goggles (chemical goggles) if there is potential for airborne dust exposures.
General safety and hygiene measures	Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Wash soiled clothing immediately.

9. Physical and chemical properties

www.rxmarine.com

Form	Powder
Odour	Faint specific odour
Colour	Light Brown
pH value	9.5 - 10.5 (100 g/l, 20 °C)
Melting temperature	> 260 °C
Bulk density	680 kg/m ³ (20 °C) (DIN 53468)
Solubility in water	Approx. 400 g/l (20 °C)
Solubility (qualitative)	Soluble
	Solvent(s): polar solvents,

10. Stability and reactivity

www.rxmarine.com

Conditions to avoid	Avoid humidity.
Substances to avoid	No data available
Hazardous reactions	The product may contain explosive fine dust or such dust may be produced by abrasion during transport or product transfer.
Decomposition products	Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.
Thermal decomposition	Approx. 260 °C
Corrosion to metals	No corrosive effect on metal.

11. Toxicological information

www.rxmarine.com

Acute toxicity

Oral	LD50/rat: > 2,000 mg/kg
Skin irritation	Rabbit: non-irritant (OECD Guideline 404)
Eye irritation	Rabbit: non-irritant (OECD Guideline 405)
Sensitization	Buehler test/guinea pig: Non-sensitizing. (OECD Guideline 406)

Chronic toxicity

Experiences in humans	May lead to a skin reaction in people already sensitised with formaldehyde
Other information	The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.

12. Ecological information

www.rxmarine.com

